

AMERICAN QUASAR PETROLEUM CO.

707 UNITED BANK TOWER, 1700 BROADWAY, DENVER, COLORADO 80290, U.S.A. TELEPHONE (303) 861-8437

September 30, 1980

State of Utah Department of Natural Resources Division of Oil, Gas and Mining 1588 West North Temple 84116 Salt Lake City, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

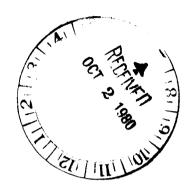
Enclosed is our application to drill, and survey plat for the American Quasar Antelope Valley State 36-22 well located in the SE4 NW4 Section 36, T23S-R18W, Millard County, Utah.

As we will have construction equipment available soon, your immediate approval will be greatly appreciated.

Very truly yours,

Masurel W. R. Seidel Division Operations Manager

KWL:sb attachments



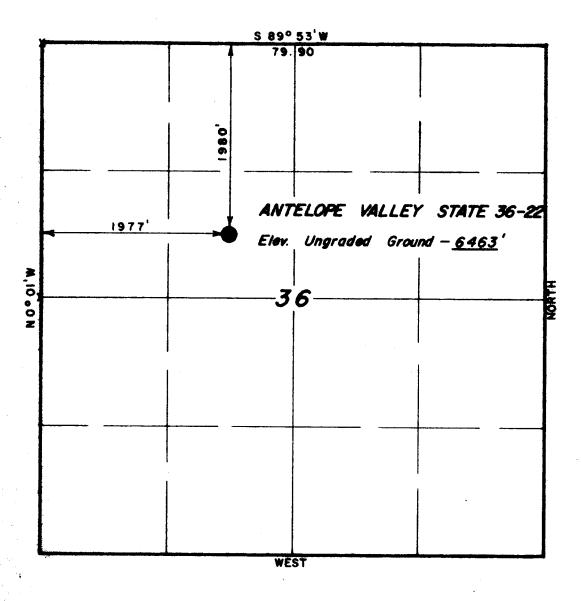
SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

	ML 33671
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	6. If Indian, Allottee or Tribe Name
la. Type of Work	7. Unit Agreement Name
DRILL \(\overline{\sqrt{DEEPEN}} \) DEEPEN \(\overline{\sqrt{DEEPEN}} \) PLUG BACK \(\overline{\sqrt{DEEPEN}} \)	11 One rigidement Name
b. Type of Well Oil S Gas Single Multiple Sone Zone	8. Farm or Lease Name
Well Well Other Zone Zone 2. Name of Operator	Antelope Valley State
American Quasar Petroleum Co. of New Mexico	9. Well No.
S. Address of Operator	36-22
707 United Bank Tower, 1700 Broadway, Denver, CO 80290	10. Field and Pool, or Wildcat
4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface	Wildcat
1977' FWL, 1980' FNL SE NW	11. Sec., T., R., M., or Bik. and Survey or Area
At proposed prod. zone	
Same 14. Distance in miles and direction from nearest town or post office*	Sec. 36, T23S-R18W 12. County or Parrish 13. State
66 miles from Milford, Utah Approx 30 miles from Baker Neva 15. Distance from proposed* 16. No. of acres in lease 17. No.	da Millard Utah of acres assigned
location to nearest property or lease line, ft. (Also to nearest drig. line, if any)	s well
to nearest well, drilling, completed,	y or cable tools
	tary
21. Elevations (Show whether DF, RT, GR, etc.) 6463 ungraded GR	22. Approx. date work will start* 11/1/80
23. PROPOSED CASING AND CEMENTING PROGRAM	
Size of Hole Size of Casing Weight per Foot Setting Depth	Quantity of Cement
17½" 13 3/8" 68# 1000'	to surface
12½" 9 5/8" 40 & 43.5# 6000'	500 sx
8½" 7" 26 & 29# TD	500 sx min.
	7
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	<u>. </u>
Drill 17½" hole to 1000' w/native mud.	
Run 13 3/8" casing & cemt to surface.	
NU 13 5/8"-5000 psi doublegate & bag-type preventer.	
NU 13 5/8"-5000 psi doublegate & bag-type preventer. Pressure-test BOPE to 5000 psi (bag to 2500 psi).	un lied
Run 13 3/8" casing & cemt to surface. NU 13 5/8"-5000 psi doublegate & bag-type preventer. Pressure-test BOPE to 5000 psi (bag to 2500 psi). Drill 12½" hole to 6000', using a low solids-non-dispersed mud significant specific control of the con	
Pressure-test BOPE to 5000 psi (bag to 2500 psi).	
Pressure-test BOPE to 5000 psi (bag to 2500 psi). Drill 124" hole to 6000', using a low solids-non-dispersed mud solids Run BHC/GR, CNL/FDC, DLL, and Dipmeter. Run 9 5/8" casing & cemt w/500 sx (minimum).	ystem.
Pressure-test BOPE to 5000 psi (bag to 2500 psi). Drill 124" hole to 6000', using a low solids-non-dispersed mud solids non-dispersed mud solids	ystem.
Pressure-test BOPE to 5000 psi (bag to 2500 psi). Drill 12½" hole to 6000', using a low solids-non-dispersed mud solids non-dispersed mud solids non-dispersed mud solids non-dispersed multiple to 11,000, DLL, and Dipmeter. Run 9 5/8" casing & cemt w/500 sx (minimum). Drill 8½" hole to 11,000', using low solids-lightly dispersed mud Run BHC/GR, CNL/FDC, DLL, and Dipmeter.	ystem.
Pressure-test BOPE to 5000 psi (bag to 2500 psi). Drill 12½" hole to 6000', using a low solids-non-dispersed mud solids non-dispersed mud solids non-dispersed mud non-dispersed mud solids non-d	ystem. d system.
Pressure-test BOPE to 5000 psi (bag to 2500 psi). Drill 12½" hole to 6000', using a low solids-non-dispersed and some services and BHC/GR, CNL/FDC, DLL, and Dipmeter. Run 9 5/8" casing & cemt w/500 sx (minimum). Drill 8½" hole to 11,000', using low solids-lightly dispersed much Run BHC/GR, CNL/FDC, DLL, and Dipmeter. Run 7" production casing if required. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on presductive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measu	ystem. d system. ent productive zone and proposed new pro-
Pressure-test BOPE to 5000 psi (bag to 2500 psi). Drill 12½" hole to 6000', using a low solids-non-dispersed and solids and BHC/GR, CNL/FDC, DLL, and Dipmeter. Run 9 5/8" casing & cemt w/500 sx (minimum). Drill 8½" hole to 11,000', using low solids-lightly dispersed much BHC/GR, CNL/FDC, DLL, and Dipmeter. Run 7" production casing if required. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on pres ductive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measu preventer program, if any.	ystem. d system. ent productive zone and proposed new pro-
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Pressure-test BOPE to 5000 psi (bag to 2500 psi). Drill 12½" hole to 6000', using a low solids-non-dispersed and some substitution of the second of the sec	ystem. d system. ent productive zone and proposed new prored and true vertical depths. Give blowout Date. 9/26/80

T 23 S, R 18 W, S.L.B. & M.



X = Section Corners Located

PROJECT

AMERICAN QUASAR PETROLEUM CO.

Well location, ANTELOPE WALLEY
STATE 36-22, located as shown in the
SEL/4 NWI/4 Section 36, T 23S, R IB W,
S.L.B. & M. Millard County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR

REGISTERED LAND SURVEYOR REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

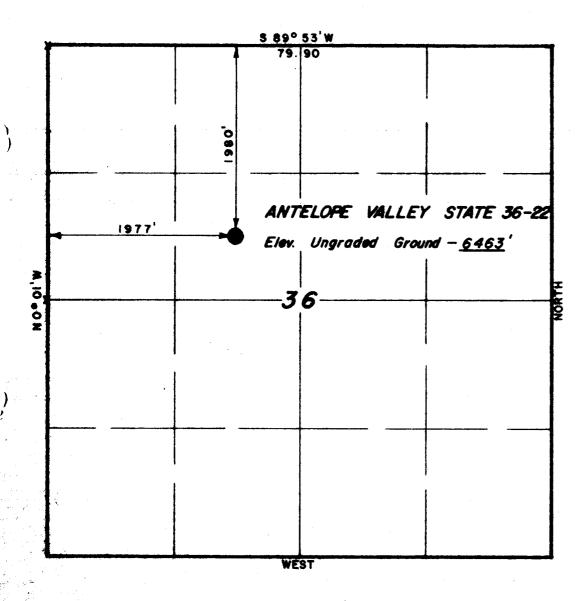
SCALE	I" = 1000'		DATE 9 /23/80
PARTY	65	AC	REFERENCES GLO Pist
WEATHER	Fair		FILE

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side) STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** 5. Lease Designation and Serial No.

DIVISION OF OIL, GAS, AND MINING

				•	ML 330/1
APPLICATION	FOR PERMIT TO	O DRILL, DEEPER	V, OR PLU	G BACK 6.	If Indian, Allottee or Tribe Name
ia. Type of Work DRIL	LX	DEEPEN [PLUG	BACK 7.	Unit Agreement Name
b. Type of Well Oil DT Gas	к Г		Single	Multiple 8.	Farm or Lease Name
	s ell Other		Zone	Zone	
. Name of Operator					Antelope Valley State
American Quas	ar Petroleum Co	. of New Mexico			
. Address of Operator				·	36-22
	ink Tower, 1700 l			290	. Field and Pool, or Wildcat
At sumfano	rt location clearly and in a FWL, 1980' FNL	ccordance with any State r SE NW	equirements.*)		Wildcat . Sec., T., R., M., or Blk. and Survey or Area
At proposed prod. zone				• .	
	Same				Sec. 36, T23S-R18W
	direction from nearest town			12	. County or Parrish 13. State
	<u>om Milford, Utal</u>				
 Distance from proposed location to nearest 	d*	16. No.	of acres in lease	17. No. of a to this w	
property or lease line, (Also to nearest drlg. li			640		
· · · · · · · · · · · · · · · · · · ·		19. Proj	posed depth	20. Rotary or	cable tools
to nearest well, drilling or applied for, on this	i location (completed, No other lease, ft. No other	wells on lease	12,000'	Rota	rv
1. Elevations (Show wheth	er DF, RT, GR, etc.)				22. Approx. date work will start*
6463 ungra					11/1/80
3.		ROPOSED CASING AND	CEMENTING PRO	GRAM	22/2/00
Size of Hole	Size of Casing	Weight per Foot	Setting Depth		Quantity of Cement
17½"	13 3/8"	68#	1000'		to surface
12½"	9 5/8"	40 & 43.5#	6000'		500 sx
81211	9 3/0	26 & 29#		\(\)	
0-2	,	20 a 29#	TD		500 sx min.
			<i></i>	REPENIER	
			1	oct 2	<i>0</i> .
				OCT 2	
			1		
				- -	
Drill 17%" hol	e to 1000' w/nat	tive mud.	<u>\</u>	2	
	sing & cemt to			6.7	
	O psi doublegate		venter	TITIS	
Proceura-tast	RODE to SOOD no	i (bag to 2500 r	neil		
Duill 101 hol	0 +0 60001 usi	r (bug to 2000 p	non_dienon	eed and ever	BY THE DIVISION
DITTI 12% HOT	C to oooo , usii	ig a low sollus-	-non-arsper	seu muu sys	THE DIVISION
RUN BHC/GR, CN	L/FUC, DLL, and	vipilleter.		APPROVEL	SAND MINING
Run 9 5/8" cas	ing & cemt w/500	, ex (mınımum).		OF OIL GA	5,410/90
Drill 8½" hole	to 11,000', us	ing low solids-l	lightly dis	persea mud	DV \$ 1000
Run BHC/GR, CN	L/FDC, DLL, and	Dipmeter.		DATE:	T. M
Run 7" product	L/FDC, DLL, and ing & cemt w/500 to 11,000', using L/FDC, DLL, and in casing if re	equired.			2407
IN ABOVE SPACE DESC	RIBE PROPOSED PROGRA	AM: If proposal is to deep	en or plug back, g	give ata on present	productive zone and proposed new pr
luctive zone. If proposal	is to drill or deepen directi-	onally, give pertinent data	on subsurface loca	tions and measured	and true vertical depths. Give blowo
reventer program, if any.					
Signed	Sendil	TitleDivis	sion Operat	ions Manage	C. Date 9/26/80
(This space for Federal	or State office use)		•		
Permit No		A	pprovai Date		
Approved by		Title		***************************************	Date
Conditions of approval,					

T 23 S, R 18 W, S.L.B. & M.

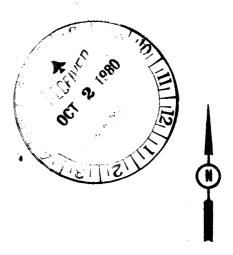


X = Section Corners Located

AMERICAN QUASAR PETROLEUM CO.

Well location, ANTELOPE WILLEY

STATE 36-22, located as shown in the
SEI/4 NWI/4 Section 36, T 238, R IS W,
S.L.B. & M. Millard County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR

REGISTRATION Nº 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q ~ 110 EAST ~ FIRST SOUTH
VERNAL, UTAH ~ 84078

SCALE	1" = 1000'	DATE 9 /23/80
PARTY	GS	REFERÊNCES BLO Plut
WEATHER	Foir	FILE AMERICAN GHASAR PETRO, CO.

DATE: Oct 10, 1980	
OPERATOR: Omerican C	ugo an Etaleum G. gn. M.
WELL NO: 36-2	2 State
Location: Sec. 36 T. 23	S R. 18 V County: Willand
File Prepared:	Entered on N.I.D:
Card Indexed:	Completion Sheet:
API Numb	er 43-027-3002-2
CHECKED BY:	
Petroleum Engineer:	
Director: OK under	wh c-3
Administrative Aide:	
APPROVAL LETTER:	
Bond Required:	Survey Plat Required:
Order No.	O.K. Rule C-3 [2]
Rule C-3(c), Topographic Exco within a 660' ro	eption - company owns or controls acreage adius of proposed site
Lease Designation Stall	Plotted on Map
Approval	Letter Written
Hot Line P.I.	

October 17, 1980

American Quasar Petroleum Co. of New Mexico 707 United Bank Tower, 1700 Broadway Denver, Colorado 80290

Re: Well No. Antelope Valley State 36-22 Sec. 36, T. 23S, R. 18W Millard County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-027-30022.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Clean B. Feight / Ka

Director

/ka

cc: Donald Prince

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. GAS AND MINING

SUBM RIPLICATE*
(Other Luctions on reverse side)

DIVISI	ON OF OIL, GAS, AND M	INING	5. LEASE DESIGNATION AND SERIAL
CINDRY NOT	ICEC AND DEDODEC	ON WELLS	ML 33671 6. IF INDIAN, ALLOTTER OR TRIBE NA
(Do not use this form for propor Use "APPLICA	ICES AND REPORTS sals to drill or to deepen or plug ATION FOR PERMIT—" for such		
OIL GAS CTHER	Location		7. UNIT AGREBMENT NAME
American Quasar Pe	etroleum Co		8. FARM OR LEASE NAME
S. ADDRESS OF OPERATOR	crorean oo.		Antelope Valley Stat
204 Superior Bldg.	, 201 N. Wolcott, C	asper, Wy 82601	26-22
4. LOCATION OF WELL (Report location of See also space 17 below.). At surface	learly and in accordance with any	State requirements.*	10. FIELD AND POOL, OR WILDCAT Wildcat
1977' FWL, 1980' F	TNL		11. SSC., T., B., M., OR BLE. AND SURVEY OR AREA Sec. 36, T23S-R18W
14. PERMIT NO.	15. BLEVATIONS (Show whether p	F. RT. GR. etc.)	12. COUNTY OR PARISH 13. STATS
	§463' (ungra		Millard Ut
16. Charle A.		Nature of Notice, Report, or C	Mar Dete
NOTICE OF INTEN			VINET DEIG VENT REPORT OF:
	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
	AULTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING CASING
	BANDON*	Other Monthly repo	rt of operations
REPAIR WELL C	HANGE PLANS	(Nors: Report results	of multiple completion on Well X etion Report and Log form.)
	granted Oct. 17, 19 commenced as of th		
			ECELVED
			NOV 3 1930
		(DIVISION OF DIL, GAS & MINING
18. I hereby certify that the foregoing is	TITLE Di	vision Drlg. Supt.	DATE 10/31/80
(This space for Federal or State office			
APPROVED BY CONDITIONS OF APPROVAL, IF A	TITLE		DATE

STATE OF UTAH

SUN TRIPLICATE* (Other instructions on reverse side)

DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO. ML 33671
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTES OR TRIBE NAME
I. Location	7. UNIT AGREEMENT NAME
WELL WELL OTHER DOCALIOIT	S. FARM OR LEASE NAME
American Quasar Petroleum Co.	Antelope Valley State
8. ADDRESS OF OPERATOR	9. WELL NO.
204 Superior Bldg., 201 N. Wolcott, Casper, Wy 82601	26-22
 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 	Wildcat
1077 TV T 1000 TVT	11. SBC., T., B., M., OB BLK. AND SURVEY OR ARBA
1977' FWL, 1980' FNL	Sec. 36, T23S-R18W
14. FERMIT NO. 15. BLEVATIONS (Show whether DF, ST, OR, etc.)	12. COUNTY OR PARISE 18. STATS
§463' (ungraded GR)	Millard Utah
16. Check Appropriate Box To Indicate Nature of Notice, Report, or	Other Data
NOTICE OF INTENTION TO:	QUENT ESPORT OF:
PULL OR ALTER CASING WATER SHUT-OFF PRACTURE TREAT MULTIPLE COMPLETE SHOOT OR ACIDIZE REPAIR WELL CHANGE PLANS (Other) WATER SHUT-OFF PRACTURE TREATMENT SHOOT OR ACIDIZE (Other) WATER SHUT-OFF PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Other) (Other)	ALTERING CASING ABANDONMENT® OFT OF OPERATIONS Is of multiple completion on Well X pletion Report and Log form.)
18. I hereby certify that the foregoing is true and correct BIGNED TITLE Division Drlg. Supt.	DIVISION C GAS & MINING DATE = 11/30/80

DATE .

TITLE .

Form OGC-1b

STATE OF UTAH JEPARTMENT OF NATURAL RESOURCES

SUBMINITE TRIPLICATE*
(Other instructions on reverse side)

DIVISION	NT OF NATURAL RESC OF OIL, GAS, AND M	INING	5. LEASE DESIGNATION ML 3367	N AND SERIAL NO.
SUNDRY NOTICE (Do not use this form for proposals Use "APPLICATIO	ES AND REPORTS to drill or to deepen or plug	ON WELLS back to a different reservoir.	6. IF INDIAN, ALLOTT	BS OR TRIBE NAME
1. OIL GAS [7] I	ocation	,	7. UNIT AGREEMENT	'AMB
WELL WELL OTHER 11.			S. FARM OR LBASE N	MB
	n Quasar Petrol	eum Co.	Antelope	Valley State
B. ADDRESS OF OFERATOR		Casper, Wy 8260) 1 9. WELL NO.	
204 Supe	erior Bldg. 201	N. Wolcott	36-22 10. PIBLD AND POOL,	OR WILDOAT
See also space 17 below.) At surface	ly and in accordance with any	A perce tedutiements.	1	
			Wildcat	BLE. AND
1977' F	WL, 1980' FNL		SURVEY OR AND	
			Sec. 36, T23	
4. PERMIT NO.	5. BLEVATIONS (Show whether D		12. COUNTY OR PARIS	1
	6463' (ungr	ade GR)	Millard	<u>Utah</u>
6. Check Appro	priate Box To Indicate I	Nature of Notice, Report, or	Other Data	
NOTICE OF INTENTION	f T O :	SUBSI	QUENT REPORT OF:	
TEST WATER SEUT-OFF	OR ALTER CASING	WATER SHUT-OFF	REPAIRING	WELL
	TIPLE COMPLETE	PRACTURE TREATMENT	ALTERING	CASING
	NDON*	SHOUTING OR ACIDISING	ARANDONM	
REPAIR WELL CHAI	NGE PLANS	(Other)	report of ope	- OTI (1- 1- X)
(Other)		Completion or Recon	ts of multiple completion pletion Report and Log f	orm.)
		nted Oct. 17, 1980		
		DIS	A TOTAL	
			003:00	
		Ľ	DIVISION OF GAS & MINING	
18. I hereby certify that the foregoing is tr	of old correct	Ľ	NVISION OF	12/4/80
signed John F. Sindelar	TITLEDIV	E OIL,	NVISION OF GAS & MINING	12/4/80
18. I hereby certify that the foregoing is trestand to the foregoing is treated to the	TITLEDIV	E OIL,	NVISION OF GAS & MINING	12/4/80

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

SUBMI____TRIPLICATE*
(Other instructions on reverse side)

	DIVISION OF OIL, GAS, AND MI		5. LEASE DESIGNATION AND SERIAL NO. ML 33671
	RY NOTICES AND REPORTS (m for proposals to drill or to deepen or plug ee "APPLICATION FOR PERMIT—" for such p		6. IF INDIAN, ALLOTTER OR TRIBE NAME
OIL GAS WELL	OTHER Location		7. UNIT AGREEMBNT NAMB
2. NAME OF OPERATOR	OTREE LOCK OF OTT		S. PARM OR LBASE NAME
American Quasar	r Petroleum Co.		Antalana Vallau Stata
8. ADDRESS OF OPERATOR			Antelope Valley State 9. WELL NO.
204 Superior Bl	ldg., 201 N. Wolcott, Casper	r, Wy 82601	3 6-22
4. LOCATION OF WELL (Repor	rt location clearly and in accordance with any		10. PIBLD AND POOL, OR WILDCAT
See also space 17 below.) At surface			wildcat
10771 FUL 1000	O.L. ENI		SURVEY OR ARMA
1977' FWL, 1980	J FNL		Sec. 36, T23S-R18W
14. PERMIT NO.	15. BLEVATIONS (Show whether DF	r, RT, GR, etc.)	12. COUNTY OR PARISE 18. STATE
	GR 6458'		Millard Utah
16.	Check Appropriate Box To Indicate N	lature of Notice, Report, or C	Other Data
NOTIC	CR OF INTENTION TO:	sussage	JENT REPORT OF:
TRET WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING CABING
SHOOT OR ACIDISE	ABANDON®	SHOUTING OR ACIDISING	ARANDONMENT*
REPAIR WELL	CHANGE PLANS		port of operations x
(Other)		(Nors: Report results	of multiple completion on Well etion Report and Log form.)
17. DESCRIBE PROPOSED OR COM- proposed work. If well nent to this work.) *	41'LETED OPERATIONS (Clearly state all pertinen l is directionally drilled, give subsurface locat	t details, and give pertinent dates,	including estimated date of starting any
	hly report of operations for		2/31/80.
(Please see at	tached chronological report)	

DECIMALION JAN 1 4 1331

DIVISION OF OIL, GAS & MINING

18. I hereby certify that the forgolys is true and correct		
signed John F. Sindelar	TITLE Division Drilling Supt.	DATE 12/31/80
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

12/27/80. 1 day. Drlq sh & 1m at 146'. Drld 54' in 5-3/4 hrs. Spudded well at 10:00 pm 12/26/80. KB drlg rig 21'. Ran bit =1 (121"Security S84F. s/r 962364) in at 92', bit has drld 54' in 5-3/4 hrs.

Drla wt 52M#; RPM 90.

12/28/80 2 days. Drlg sh & lm at 492'. Drld 346' in 17-3/4 hrs. Survey: 3/4' at 146'. 1' at 327';1' at 418'. Bit =1 has drld 400' in 23! hrs. Drlg wt 10M=; RPM 75.

ANTELOPE VALLEY

STATE 36-22
(11,500 Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

ANTELOPE VALLEY

STATE 36-22
(11,500 Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

12/29/80 3 days. Drlq sd & 1s at 969'. Drld 477' in 211 hrs. ME 8.9; vis 37; WL 9.8; pH 9.5. Survey: 3/4° 5 478'; 1° at 847'. Bit #1 has drld 877' in 43-5/4 rrs. Drlg wt 15M#; RPM 55.

12/30/80 4 days. Drlq 0 1253'. Drld 284' ls, sd & cly in 21 hrs. MW 8.9; vis 40; WL 10.2; pH 10.5. Survey: 3/4° at 938'; 3 at 1059'; 1° at 1120'. Drlq wt 17M#; RPM 65.

ANTELOPE VALLEY

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Antelope Valley Prosp.

12/31/80 5 days. Drlg @ 1465'. Drld 212' cly & ls in 15; hrs. MW 8.7; vis 58; WL 10.6; pH 10.3. Surveys: 1° 3 1230'; 3/4° @ 1400'. Pld bit #1 @ 1260', bit had drld 1168' in 65! hrs. Dull grade: 2-2-1/8. Ran bit #2 (12!" Security S84F, s/n 963701) in @ 1260', bit has drld 212' in 14-3/4 hrs. Drlg wt 17M#; RPM 60.

Paten OGC-16

SUBMIT IN TROPLICATES (Other instructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

D	IVISION OF OIL, GAS, AND MI	NING	5. LEARS DESIGNATION	AND SERIAL NO.
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American Quasar Pe	etroleum Co.		Antelope_Va	
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1977' FWL, 1980'	FNL		Sec. 36, Ta	
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TEST WATER BEUT-OFF	PULL OR ALTER CABING	WATER SHUT-OFF	REPAIRING	
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ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Angelope Valley Prosp.

1/1/81 6 days. Drlg dolo & sh @ 1745'. Drld 280' in 22 hrs. MW 8.9; vis 45; WL 12.6, pH 10.5. Surveys: 1° @ 1519'; 1° @ 1612'; 1° @ 1674'. Lost 200 bbls mud from 1648-1753'. Drlg wt 15-18M#; RPM 60-65.

1/2/81 7 days. Drlg dolo @ 2016', drld 271' in 20 hrs. MW 8.7; vis 65; WL 11.2; pH 11.5. Survey: 1° @ 1737'; ½° @ 1831'; 3/4° @ 1923'. Bit #2 has drld 756' in 56-3/4 hrs. Drlg wt 18M#; RPM 50.

1/3/81 8 days. Drlg 1s @ 2241'. Drld 225' in 21½ hrs. Survey: 3/4° @ 2016'; ½° @ 2109'. Bit #2 has drld 981' in 78 hrs. Lost 100 bbls mud @ 2032'. Regained full returns, lost 160 bbls mud @ 2076'. Regained full returns. Lost 50 bbls mud @ 2220'. Now drlg w/full returns. Drlg wt 18M#; RPM 50.
1/4/81 9 days. Drlg 1s & dolo @ 2375'. Drld 134' in

14½ hrs. Survey: 1½° @ 2295'; 1½° @ 2307'. Pld bit #2 @ 2307', bit 1046' in 84 hrs. Dull grade: 6-4-½. Ran bit #3 (12½" Reed FP52J, s/n 339019) in @ 2307', bit has drld 68' in 8½ hrs. Drlg wt 23M#; RPM 60.

ANTELOPE VALLEY

STATE 36-22

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Millard Co., Utah

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1/5/81 10 days. Drlg 1s & dolo @ 2501'. Drld 126' in 11 hrs. MW 8.5; vis 63; WL 14, pH 10.3. Survey: 1-3/4° @ 2357'; 1-3/4° @ 2418'. Bit #3 has drld 194' in 19½ hrs. Lost 250 bbls drlg mud @ 2432', had drlg break, lost 390 bbls drlg mud on connection following drlg break, lost 50 bbls from 2483-2490'. Now drlg w/full returns. Drlg wt

18M#: RPM 40.

ANTELOPE VALLEY

STATE 36-22
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1/6/81 11 days. TIH w/bit #4 @ 2527'. Drld 26' of dolo in 3½ hrs. MW 8.6; vis 48; WL 15; pH 10.5. Survey: 1½° @ 2479'. Pld bit #3 @ 2527',bit drld 220' in 22-3/4 hrs. Dull grade: 6-2-½. Now TIH w/bit #4 (12½" Security S4TJ, s/n 911888), now TIH slowly. Lost 1300 bbls of fluid last 24 hrs. Lost returns @ 2527'. Mixed & sptd 150 bbls

lost circ material pill, POH, mixed new mud, now TIH slowly, breaking circ every stand, last 10 stands on TIH.

ANTELOPE VALLEY

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1/7/81 12 days. TIH @ 2525'. TD 2530'. Drld 3' in 1 hr. MW 8.5; vis 78; WL 13.6; pH 10. Lost total of 2200 bbls drlg mud last 24 hrs. Now circ on btm w/ full returns. Bit #4 wshd to btm @ 2527', bit has drld 3' in 1 hr. Now ready to resume drlg & cond hole for logs.

ANTELOPE VALLEY

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1/8/81 13 days. TD 2542'. Logging w/Schlumberger. MW 8.6; vis 55; WL 15; pH 10. Pld bit #4 @ 2542', bit drld 15' in 4-3/4 hrs. Dull grade: 2-2-I. RU Schlumberger, ran Dual induction log, now running density & CNL, will run Dipmeter. Static fluid level @ 672'. Now logging w/Schlumberger.

ANTELOPE VALLEY

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1/9/81 14 days. Rmg 17½ by 12½" hole @ 260', rmd 168' in 10½ hrs. MW 8.5; vis 56; WL 15; pH 11.5. Fin logging w/Schlumberger, ran sonic, dipmeter, cyberdip, DIL & CNL. PU 17½" hole opener, now opening hole @ 260'. Rmg wt 10M#; RPM 40.

ANTELOPE VALLEY

STATE 36-22

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Antelope Valley Prosp.

1/10/81 15 days. Rmg @ 600', rmd 340' of 17½" hole in 19½ hrs. Hole opener #1 has rmd 508' in 30 hrs. Rmg wt 15M#; RPM 90.
1/11/81 16 days. TD 1090'. Rmd 490' in 19-3/4 hrs. Now dressing hole opener. Pld hole opener #2 @ 1090'. Hole opener rmd 998' in 49-3/4 hrs. Dull grade: 4-4-I. Now redressing hole.

ANTELOPE VALLEY

STATE 36-22

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Millard Co., Utah

Antelope Valley Prosp.

1/12/81 17 days. Rmg 17½ x 12½" hole @ 1356'. Rmd 266' in 20½ hrs. MW 8.8; vis 48; WL 15.6; pH 11.5. Fin dressing hole opener, in @ 1090', hole opener #2 has rmd 266' in 20½ hrs. Lost 75 bbls mud @ 1339'. Rmg wt 15M#; RPM 85.

1/13/81 18 days. Rmg 17 hole @ 1456'. Rmd 100'in 181 hrs. Hcle opener #2 has rmd 366' in 39 hrs. Rmg wt 15M#; RPM 85.

ANTELOPE VALLEY

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1/14/81 19 days. Rmg 17½ x 12½" hole @ 1553'. Rmd 97' in 14-3/4 hrs. MW 8.6; vis 46; WL 17; pH 12. Pld hole opener #2 @ 1463'. Hole opener rmd 373' in 41 hrs. Dull grade: 6-6-I. Ran hole opener #3 (17½" Security B17, s/n 68440) in @ 1463', hole opener has rmd 90' in 12-3/4 hrs. Rmg wt 15M#; RPM 85.

ANTELOPE VALLEY

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1/15/81 20 days. Rmg $17\frac{1}{2}$ x $12\frac{1}{2}$ " hole @ 1706'. Rmd 153' in $23\frac{1}{2}$ hrs. MW 8.7; vis 48; WL 19.6, pH 11. HO #3 has rmd 243' in 36½ hrs. Rmg wt 20M#; RPM 60.

ANTELOPE VALLEY

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1/16/81 21 days. Rmg $17\frac{1}{2}$ x $12\frac{1}{2}$ " hole @ 1850'. Rmd 144' in $23\frac{1}{2}$ hrs. MW 8.7; vis 52; WL 19; pH 11. HO #3 has rmd 387' in 59-3/4 hrs. Rmg wt 18M#, RPM 90.

ANTELOPE VALLEY

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Antelope Valley Prosp.

1/17/81 22 days. Rmg $12\frac{1}{2}$ " to $17\frac{1}{2}$ " @ 1981', rmd 131' in 18 hrs. Pld HO #2 @ 1587', HO rmd 424' in 64-3/4 hrs. Ran HO #3 ($17\frac{1}{2}$ " Security B17, s/n 58257) HO #3 has rmd 94' in 13 hrs. Rmg wt 15-18M#; RPM 90. 1/18/81 23 days. Rmg $12\frac{1}{2}$ " hole to $17\frac{1}{2}$ " @ 2146'. Rmg 165' in $23\frac{1}{2}$ hrs. HO #3 has rmd 259' in $36\frac{1}{2}$ hrs. Rmg

wt 18-24M#; RPM 90-120.

ANTELOPE VALLEY

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1/19/81 24 days. Rmg @ 2250', rmd 104' in 14½ hrs. MW 8.8; vis 58; WL 17.4; pH 11. Pld HO #4 @ 2147'. HO rmd 260' in 37 hrs. Dull grade: 6-4-I. Ran HO #5 (17½" x 12½ Security B17, s/n 20755) in @ 2147'. HO has rmd 103' in 13-3/4 hrs. Rmg wt 22M#; RPM 85.

ANTELOPE VALLEY

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1/20/81 25 days. Rmg $17\frac{1}{2}$ x $12\frac{1}{4}$ " hole @ 2410'. Rmd 160' in 23½ hrs. MW 8.8; vis 58; WL 15.8; pH 11. HO #5 has rmd 263' in 37½ hrs. Rmg wt 18M#; RPM 85.

ANTELOPE VALLEY

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Antelope Valley Prosp.

1/21/81 26 days. Rmg 12½" hole to 17½" @ 2522', rmd 112' in 17 hrs. MW 8.7; vis 51; WL 16.8; pH 11.0; POH w/ HO#5 @ 2470', HO rmd 323' in 45½ hrs. Ran in hole w/HO#6 (17½" Security B17, s/n X4836) HO has rmd 52' in 9 hrs. Lost 275 bbls mud on trip & 200 bbls mud @ 2484'. Rmg wt 18-20M#; RPM 85.

1/22/81 27 days. TD 2540', cmt 13-3/8" csg. vis 71; WL 12.5; pH 10.5. Rmd 18' of 121 x 171" hole to 2540'. Pld HO#6 @ 2540', HO rmd 70' in 14-3/4 hrs. RU & ran 13-3/8" csq as follows: 20 jts 13-3/8" \$80 68# STC Rge 3 - 854.67' 40 its 13-3/8" K55 68# STC Rge 3 -1692.07' 2.00' FC Total

set csg @ 2538'. Circ csg, now cmt.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

1/23/81 28 days. TD 2538', NU BOP. Cmt'd csg w/1225 sx Howco-Lite w/2% CaCl2; 1# Flocele; 10# Gilsonite; 1# Thix-Set, followed by 800 sx Class G + 2% CaCl2; 1# Flocele. Plug down @ 8:35 am 1/22/81. Circ cmt. WOC 8 hrs., cut off csg, now NU BOP.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

1/24/81 29 days. TD 2538', press tstg BOPE, fin NU BOPE, now press tstg stack to 3000 psi. 1/25/81 30 days. Crlg qtz ss @ 2591', drld 53' in 21 hrs. MW 8.5; vis 35; WL 22; pH 12. Fin press tstg stack, ran bit #1 (121 Hughes J33, s/n FL467) in @ 2538'. Bit has drld 53' in 2½ hrs. Drld cmt & shoe, lost 400 bbls mud @ 2570', regained full returns, now drlg @ 2591' w/full returns.

ANTELOPE VALLEY **STATE 36-22** (11,500'Weeks-WC)

1/26/81 31 days. Drlg qtz ss @ 2673'. Drld 82' in 9 hrs. MW 8.4; vis 45; WL 26; pH 11. Bit #1 has drld 135' in 11-3/4 hrs. Lost returns @ 2608'--300 bbls. Pld into csg, mixed mud, regained returns, lost returns @ 2640'--500 bbls, PU mix mud, POH for plugged jets, TIH, now mixing mud @ 2673'. Drlg wt 20M#: RPM 65.

Millard Co., Utah Antelope Valley Prosp.

> 1/27/81 32 days. Drlg ls @ 2816', drld 143' in 22½ hrs. MW 8.4; vis 48; WL 26; pH 11.3. Survey: 2½° @ 2701'. Bit #1 has drld 278' in 33½ hrs. Losing mud intermittently, lost approx 600 bbls last 24 hrs. Drld from 2688-2712' w/o returns. Now drlg w/full returns @ 2816'. Drlg wt 20M#; RPM 65.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Angelope Valley Prosp.

> 1/28/81 33 days. Drlg ls @ 2896', drld 80' in 16-3/4 hrs. MW 8.5; vis 46; WL 26; pH 11. Survey: $1\frac{1}{2}$ ° @ 2884'. Bit #1 was pld @ 2831', bit drld 293' in 361 hrs. Dull grade: 6-4-I. Ran bit #2 (121 Security S86F, s/n 949426) in @ 2831', bit has drld 65' in 14 hrs. Losing circ intermittently, now drlg w/partial returns. Drlg wt 22M#; RPM 75.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

> 1/29/81 34 days. Fsg for DC's @ 2920', drlg 24' in 6½ hrs. MW 8.5; vis 44; WL 26; pH 11.5. Bit #2 has drld 89' in 201 hrs. Twisted off while drlg @ 2920', PU OS, bumper sub & jars, TIH, engaged fish, now POH w/fish.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

1/30/81 35 days. Drlg sh @ 2938', drld 18' in 51 hrs. MW 8.5; vis 39; WL 26; pH 11.9. Fin POH w/fish, LD 3 DC, magnafluxed BHA, TIH w/bit #2 (121 Security S86F, s/n 949426) in @ 2831', bit has drld 107' in 251 hrs. Drlg wt 20M#; RPM 65.

ANTELOPE VALLEY **STATE 36-22** (11,500'Weeks-WC) Millard Eo., Utah Antelope'Valley Prosp.

1/31/81 36 days. Drlg ls & sh @ 3061', drld 123' in 23 hrs. Survey: 2° @ 2976'. Bit #2 has drld 230! in 481 hrs. Lost 250 bbls @ 3004', now drlg/w full returns. Drlg wt 20M#; RPM 65.

Forin 060 46

STATE OF UTAH (Other instructions on reverse side)

	5. LEADS DESIGNATION AND SERIAL NO.
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF SHDIAM, ALLOTTER OR TRIBE HAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	
OIL OIL OTHER Location	7. UNIT AGESSMENT NAME
WELL WELL OTHER LUCATION	8. PARM OR LEASE HAMB
American Quasar Petroleum Co.	Antelope Valley State
204 Superior Bldg., 201 N. Wolcott, Casper, Wy 82601	9. WELL NO.
6. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)	36-22 10. PIBLD AND POOL, OR WILDCAT
At surface	wildcat
	SUBVEY OR ARMA
1977' FWL, 1980' FNL	Sec. 36, T23S-R18W
14. PERMIT NO. 15. SLEVATIONS (Show whether DF, ET, GR. etc.)	Millard Utah
GR 6458'	
Check Appropriate Box To Indicate Nature of Natice, Report, or Control of Natice, Report, Report, Natice, Report,	Other Data
HOTICS OF INTENTION TO:	UENT REPORT OF:
TEST WATER SECT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
PRACTURE TREAT MULTIPLE COMPLETE PRACTURE TREATMENT ARANDON* SHOUTING OR ACIDIZING	ALTERING CARING
Monthly re	port of operations x
(Note: Report results	of multiple completion on Well letion Report and Log form.)
This is a monthly report of operations for period 2/1/81 - 2/2 (please see attached chronological report)	OIL, GAS & MINING
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John Frindelar Division Drlg. Supt.	DATE 2/28/81
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ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

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Drlg wt 16-18M#; RPM 175.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 2/1/81 37 days. Drlg sh @ 3213', drld 152' in 221 hrs. Survey: 3° @ 3162'. Bit #2 has drld 384' in 70-3/4 hrs. Drlg wt 20M#; RPM 65.

2/2/81 38 days. Drlg 1s & sh @ 3397', drld 184' in 21-3/4 hrs. MW 8.5; vis 37; WL 26; pH 11.1. Survey: 3° @ 3224'; 3° @ 3316'. Bit #2 has drld 566' in 921 hrs. Drlg wt 18M#; RPM 65.

2/3/81 39 days. Drlg Wah Wah 1s @ 3520', drld 123' in 11 hrs. MW 8.5; viw 35; WL 26; pH 11. Survey: 31° @ 3489'. Pld bit #2 @ 3409', bit drld 578' in 93-3/4 hrs. Dull grade: 2-4-I. Ran bit #3 (12½" Security S86F, s/n 962171) in @ 3409', bit has drld lll' in 9-3/4 hrs. Drlg wt 45M#; RPM 45.

2/4/81 40 days. Drlg 100% 1s @ 3794', drld 274' in 20-3/4 hrs. MW 8.6; vis 39; WL 26; pH 11.1. Survey: 5° @ 3736'. Bit #3 (corrected s/n 962174) has drld 385' in 30½ hrs. Drlg wt 25M#; RPM 65.

2/5/81 41 days. TIH w/120' pendulum 0 3953', drld 159' in 14-3/4 hrs. MW 8.5; vis 39; WL 26; pH 11.2. Survey: 5° @ 3798'; 6° @ 3860; 6-3/4° @ 3921'. POH, lengthened pendulum, new TIH.

2/6/81 42 days. Drlg ls & sh @ 4083', drld 130' in 18½ hrs. MW 8.5; vis 36; WL 26; pH 11.2. Survey: 6° 3921'; $6\frac{1}{2}$ ° @ 3984'; 6-3/4° @ 4036' light. Bit #3 has drld 674' in 63½ hrs. Rng 125' pendulum. Drlg wt 12M#: RPM 70.

2/7/81 43 days. TD 4140', ckg BHA, drld 57' ls & sh in 8 hrs. Survey: 8° @ 4109', TOH w/bit #3 @ 4140', bit dric 731' in 711 hrs. Dull grade: 2-2-I. Now Magnafluxinc BHA & WD directional tools. 2/8/81 44 days. Prig @ 4142', drid 2' of is & sh in i hr. Ck BHA, WO directional tools, PU Baker mud motor & 1° Bent sub, TIH w/bit #4 (121 Security M44N, s/n 968131) Orient DynaDrill, now drlg.

> 2/9/81 45 days. Drlg w/mud motor @ 4215', drld 73' of 1s & sh in 12-3/4 hrs. MW 8.5; vis 42; WL 26; pH 11.2. Pld bit #4 @ 4177', bit drld 38' in 7½ hrs. Dull grade: 1-1-I. Ran bit #5 (121 Reed FG52J, s/n 339161) Bit has drld 38' in 5-3/4 hrs. Survey: 8°S85°E @ 4155'. Drlg wt 18M#: RPM 175.

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2/10/81 46 days. Surveying @ 4354'. Drld 139' of ls in 18½ hrs. INW 8.5; vis 40; WL 26; pH 11.2. Bit #5 has drld 215' in 24½ hrs. Survey: 7½°S85°E @ 4217';6°S87°E @ 4278'; 5½°N89°E @ 4309'. Drlg w/Baker mud motor. Drlg wt 2M#; RPM 175.

2/11/81 47 days. Rng Survey @ 4385', drld 31' of ls & sh in 4 hrs. MW 8.7; vis 37; WL 24; pH 11.2. POH @ 4354', LD Baker mud moter, PU BHA & RR#5 (12½" Reed FP 52J,s/n 339161) Rmd 510' to btm. Survey: 4-3/4°N82°E @ 4340'. Bit RR#5 has drld 31' in 4 hrs. Drlg wt 15-18M#; RPM 120.

2/12/81 48 days. TOH @ 4448', drld 63' ls & sh in 7-3/4 hrs. I'M 8.8; vis 37; WL 23; pH 11. Pld RR=5 @ 4448', bit drld 94' in 7-3/4 hrs. Dull grade: l-l-I. Ran multishot survey while TOH, PU Baker mud motor, TIH w/bit #6 (12½"Security \$86F, s/n 963250) Survey: 4½°N80°E @ 4370'; 4-3/4°N78°E @ 4408'.

2/13/81 49 days. Drlg w/mod motor @ 4582', drld 134' of is in 20-3/4 nrs. MW 8.6; vis 36; WL 24; pH 11.1. Bit =6 has drld 134' in 20-3/4 hrs. Survey: 4) $^{\circ}$ N78°E @ 4539'. Drlg wt 6-12M=; RFM 175.

2/14/81 50 days. TD 4682', TIH w/OS. Drld 100' of ls in 13½ hrs. Survey: 4½°N83°E @ 4663'. Lost pump pressure, TOH, left bit, bit sub & 10" section of mud motor shaft in hole. PU 7-3/4" OS w/ll-3/4" guide shoe. Now TIH. Bit #6 drld 234' in 34½ hrs.

Anterope variey Prosp. Now 118. 51 days. TD 4682'. Fishing, RIH 1./OS, hit 2/15/81 51 days. TD 4682'. Fishing, RIH 1./OS, hit bridge @ 4656', att to ream, POH, PU RR#4 (121" Security M44K, s/n 968131) TIH, ream to top of fish, POH, PU OS, TIH, now att to catch fish.

2/16/81 52 days. Drlg @ 4739', drld 57' of ls in 9½ hrs. MW 8.5; vis 40; WL 23; pH 11.1. Wrk OS on fish, POH, LD fish, TIH w/mud motor & bent sub & bit #7 (12½" Security S86F, s/n 961849) bit has drld 57' in 9½ hrs. Survey: 4½°N69°E @ 4680'. Drla wt 6-8M=; RPM 175.

2/17/81 53 days. TOH @ 4796', drld 57' of dolo ir 17½ hrs. MW 8.6; vis 47; WL 12.2; pH 11.5. Survey: 4½°N65°E @ 4710'; 4½°N46°E @ 4740'. Bit #7 has drld 114' in 26-3/4 hrs.

2/18/81 54 days. Drlg @ 4827', drlc 31' of ls & dolo in 6 hrs. MW 8.7; vis 47; WL 14; pH 11.3. Fin TOH w/bit #7. Dull grade: 2-3-I. PU packed hole assy & RR #2 (12½" Security S86F, s/n 949426) Rmd 200' to btm, bit has drld 31' in 6 hrs. Drlg wt 15-25M#; RPM 120.

2/19/81 55 days. Drlg @ 4982', drld 155' of 1s in 20 hrs. MW 8.6; vis 58; WL 14; pH 10.9. Survey: $4\frac{1}{2}$ @ 4791'; $4\frac{1}{2}$ @ 4939'. RR#2 has drld 186' in 120-3/4 hrs. Drlg 5-15M#; RPM 120.

2/20/81 56 days. Drlg @ 5026', drld 44' of ls in 10 hrs. MW 8.5; vis 60; WL 12.6; pH 11.1. Pld RR#2 @ 4994', bit drld 198' in 27½ hrs. PU Baker mud motor, TIH w/bit #8 (12½" Reed FP52, s/n 339158) bit has drld 32' in 8½ hrs. Drlc wt 12M#; RPM 175.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

2/21/81 57 days. Drlg @ 5110', drld 84' of ls in 21½ hrs. Survey: 3-3/4° @ 5020'. Bit #8 has drld 116' in 29½ hrs. Drlg wt 6-8M#; RPM 175 w/Baker mud motor. 2/22/81 58 days. Drlg @ 5234', drld 124' of ls in 19-3/4 hrs. Survey: 2½° @ 5080'; 1-3/4° @ 5110'; 1½° @ 5142'. Bit #8 has drld 340' in 49½ hrs. Drlg wt 6-8M#;

RPM 175 w/Baker mud motor.

ANTELOPE VALLEY
STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

2/23/81 59 days. Drlg @ 5247', drld 13' in 4 hrs. MW 8.6; vis 44; WL 7; pH 11.2. Pld bit #8 @ 5235', bit drld 241' in 50½ hrs. Dull grade: 4-4-I. LD Baker mud motor, PU packed hole assy, TIH w/bit #9 (12½"Hughes J33, s/n DJ390) bit has drld 12' in 3 hrs. Drlg wt 15M#; RPM 120.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

2/24/81 60 days. Drlg ls @ 5370', drld 120' in 22 hrs. MW 8.7; vis 45; WL 17.8; pH 11.3. Survey: \pm ° @ 5334'. Bit \pm 9 has drld 135' in 25 hrs. Drlg wt 20M=; RPM 60.

ANTELOPE VALLEY

STATE 36-22
(11,500'weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

2/25/81 61 days. Drlg 1s @ 5500', drld 130' in 211 hrs. MW 8.6; vis 45; WL 12.2; pH 10.5. Survey: 1° 3° 5426'. Bit #9 has drld 265' in 471 hrs. BGG trace; drlg wt 20M#; RPM 120.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

2/26/81 62 days. Drlg ls @ 5622', drld l22' in 21½ hrs. MW 8.6; vis 43; WL 14.4; pH 10.5. Survey: $\frac{1}{4}$ ° @ 5518'. Bit #9 has drld 387' in 68-3/4 hrs. Drlg wt 20M#; RPM 120.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

2/27/81 63 days. Drlg 1s @ 5702', drld 80' in 13-3/4 hrs. MW 8.7; vis 42; WL 15.2; pH 10.2. Pld bit ± 9 @ 5643', bit drld 408' in 72½ hrs. Dull grade: 8-7-1/8. Ran bit ± 10 (12½"Hughes J33, s/n BH833) in @ 5643', bit has drld 55' in 11½ hrs. Survey: 0° @ 5643'. Drlg wt 20M \pm ; RPM 90.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

2/28/81 64 days. TIH @ 5795', drld 93' of ls in 12½ hrs.
Survey: ½° @ 5769'. Bit #13 has drld 152' in 26-3/4 hrs.
LD 2 DC's on trip. Drlg wt 18M#; RPM 90.
3/1/81 65 days. TD 5889', drld 94' of ls, PU OS prep to
3/1/81 65 days. Twisted off while drlg @ 5889'. Survey: 3/4°
TIH, engage DC's, twisted off while drlg @ 5889'. Now prep to TIH
@ 5833'. Bit #10 has drld 246' in 39-3/4 hrs. Now prep to TIH
w/OS.

April 1, 1981

American Quasar Petroleum Co. 204 Superior Building 201 North Wolcott, Casper, Wyoming 82601

Re: SEE ATTACHED SHEET (March 1981)

Gentlemen:

Our records indicate that you have not filed the Monthly drilling reports for the month indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms commtaining substaintially the same information. Weakee enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVIOSION OF OILM GAS, AND MINING

CLERK-TYPIST

ATTACHED SHEET WELLS, SEC. T. R.

- 1. Well No. 3-9
 Sec.3, T. 2N. R. 7E.
 SUMMIT, COUNTY, UTAH
- 2. Well No. 16-21 Sec. 16, T. 21S. R. 15W. MILLARD COUNTY, UTAH
- 3. Well No.16-34 Sec. 16, T. 15S. R. 1E. JUAB COUNTY, UTAH
- 4. Well No. 26-2 Sec. 26, T. 2N. R. 6E. SUMMIT COUNTY, UTAH
- 5. Well No. 36-22 Sec. 36, T. 23S. W. 18W. MILLARD COUNTY, UTAH

TRIPLICATE*
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DEPARTMENT	OF NATURAL RESOURCE	S

* DIVIS	ION OF OIL, GAS, AND MI	NING	ML 33671
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			7. UNIT AGREEMENT NAME
OIL GAS OTHER	Location		8. FARM OR LBASE HAND
American Quasar Pe	etr. Co.		Antelope Valley State
ADDRESS OF OPERATOR		02601	9. WELL NO. 36-22
204 Superior Bldq. Location of Wall (Report location fee also space 17 below.)	., 201 N. Wolcott, Ca clearly and in accordance with any	State requirements.	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface			Wildcat 11. EBC., T., B., M., OR BER. AND
10771 511 10001	T AII		Sec. 36, T23S-R18W
1977' FWL, 1980'	rnl		·
14. PRRMIT NO.	15. BLEVATIONS (Show whether St	, RT, GR, etc.)	Millard Utah
	GR 6458'	1. (1)	
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REPAIR WELL	CHANGE PLANS	(Noon Report results	ort of operations X
(Other)	Cleurly state all pertinen	('onibletion of Recomp	letion Report and Log form.) including estimated date of starting any all depths for all markers and sones perti-
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18. I hereby certify that the foresoing	/s true and correct	vision Brlg. Supt.	DATE 3/31/81
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CAUDITIONS OF TERMINA	· ·		in the state of th

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

3/1/81 65 days. TD 5889', drld 94' of ls, PU OS prep to TIH, engage DC's, twisted off while drlg @ 5889'. Survey: 3/4° @ 5833'. Bit #10 has drld 246' in 39-3/4 hrs. Now prep to TIH w/OS.

3/2/81 66 days. TD 5889', POH w/fish. MW 8.7; vis 37; WL 16.6; pH 10.5. TIH w/ll-3/4" OS dressed w/9½" grapples, jars, accelerator & bumper sub. Engaged fish, wkd fish loose, now POH w/fish.

ANTELOPE VALLEY
STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

ANTELOPE VALLEY
STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Pross.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

15M#; RPM 90.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

3/3/81 67 days. Drlg ls w/sh streaks @ 5897!, drld 8' in l½ hrs. MW 8.6; vis 36; WL 16.6; pH 10. Fin POH w/fish, broke down & LD fishing tools, magnafluxed BHA, LD 5 DC's, Trp back to btm w/bit #10 (12½" Hughes J33, s/n BH833) bit has drld a total of 254' in 41½ hr. Drlg wt 18M#; RPM 90.

3/4/81 68 days. Drlg ls @ 6023', drld l26' in 21-3/4 hrs. MW 8.7; vis 40; WL 18.2; pH 10.5. Survey: 3/4° @ 6006'. Bit #10 has drld 380' in 53 hrs. Drlg wt 19M#; RPM 60.

3/5/81 69 days. Drlg ls @ 6048', drld 25' in 9 hrs. MW 8.7; vis 43; WL 19.8; pH 10.8. Pld bit #10 @ 6034', bit drld 391' in 63½ hrs. Dull grade: 4-7-I. LD 12½" stabilization, PU 8½" stabilization & bit #11 (8½" Security S86F, s/n 968246) in @ 6034', bit has drld 14' in 8½ hrs. Drlg wt 5M#; RPM 75.

3/6/81 70 days. Drlg ls @ 6122', drld 74' in 22½ hrs. MW 8.7; vis 41; WL 26.2; pH 10.5. Survey: 1½° @ 6113'. Bit #11 has drld 88' in 31 hrs. Drlg wt 2M#; RPM 90.

3/7/81 71 days. TD 6176', drld 54' ls in 13-3/4 hrs. Prep to TIH w/DST #1. Survey: 1½° @ 6175'. Bit #11 was pld @ 6176', bit drld 142' in 44-3/4 hrs. Pld for DST #1. PU DST tools, now prep to TIH.
3/8/81 72 days. Drlg ls @ 6208', drld 32' in 7½ hrs. Fin

TIH w/DST #1. House formation interval 6050-6176' w/no WC. 60 min flow period, opnd w/weak blow, $\frac{1}{2}$ " @ 10 min, $\frac{1}{2}$ " @ 60 min. SI 90 min, pld to rec 124' of air cut drlg mud, no wtr, bomb depth 6054', BHT 72°, IHP 2758, IFP 57; FFP 104, FSI 1774; FHP 3746, smplr cap 2100 cc rec @ 30 psi, 2100 cc of drlg md. Ran bit #11 (8½" Security S86F, s/n 968346) in @ 6034', bit has drld 174' in 52½ hrs. Drlg wt

3/9/81 73 days. Drlg ls @ 6318', drld 110' in 22½ hrs. MW 8.6; vis 40; WL 26; pH 11.3. Survey: 1-3/4° @ 6298'. Bit #11 has drld 284' in 74-3/4 hrs. BGG 6 units, probably from adding diesel. Drlg wt 12M#; RPM 90.

3/10/81 74 days. Drlg ls @ 6352', drld 34' in 6 hrs. MW 8.6; vis 39; WL 26; pH 10.3. Bit #ll was pld @ 6333', bit drld 299' in 77½ hrs. Dull grade: 4-4-I. Twisted off while drlg @ 6333', POH, PU 11-3/4 OS, 6½ grapples, TIH engaged fish, POH, LD fishing tools & fish, ran bit =12 (8½" Security S86F, s/n 970935) in @ 6333', bit drld 19' in 3½ hrs. Drlg wt 15M#; RPM 90.

3/11/81 75 days. Drlg 1s @ 6465', drld 113' in 22 hrs. MW 8.6; vis 40; WL 26; pH 10.6. Survey: 1-3/4° @ 6421'. Bit #12 has drld 132' in 251 hrs. BGG 2 units caused by diesel in mud. Drlg wt 18M#; RPM 90.

3/12/81 76 days. TIH w/Johnston test tool, TD 6511'. Drlg 46' of ls in 4½ hrs. MW 8.5; vis 43; WL 26; pH 11.2. Pld bit #12 for DST#2 @ 6511'. Bit drld 178' in 29-3/4 hrs. Dull grade: 2-2-I. Lost returns @ 6497', pld off btm, mxd pill, drld w/o returns to 6511', kelly drpd 2', lost total of 1100 bbls mud. Sptd clean mud of btm, POH for DST#2. Fluid level 1975, now TIH w/test tools.

3/13/81 77 days. TD 6511', att to cond hole for DST #2. MW 8.5; vis 45; WL 26; pH 10.8. TIH w/DST #2, hit bridge @ 6284', POH, LD test tool, TIH w/bit, att to break circ @ 6004', plugged bit, POH, TIH, staged in, att to cond hole & regain circ or cond to run DST. Lost total 1200 bbls fluid last 24

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

3/14/81 78 days. TD 6511', rng diesel gel squeeze. POH to 2594' ran diesel gel squeeze, fin TOH, stood back stabilization, staged in hole to 5120', lost returns, POH to 2780', ran diesel gel squeeze, now circ in csg w/full returns. 3/15/81 79 days. Rmd thru diesel gel squeeze, staged in hole, brk circ every 10 stds w/full returns, rmd to 5186', lost returns

POH to 2552', ran diesel gel squeeze followed w/250 sx Class G cmt w/3% CaCl₂. Now WOC.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 3/16/81 80 days. TD 6511', WOC. MW 8.6; vis 48; WL 26; pH 10.5. Rmd to 5290', POH, spot plug, sptd 250 sx Class G, plug @ 2600', POH, WOC, TIH w/bit #13 (121" Smith DGJ, s/n PN3358) tagged plug @ 2613', drld 6', lost returns. Sptd LCM pill, now WO Halliburton to re-cmt lost zone.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 3/17/81 81 days. TD 6511', rmg @ 5280'. MW 8.6; vis 42; WL 26; pH 11.3. Cmtd loss zone w/250 sx of Class G w/11% Thix-Set, ½% Flocele, 3% CaCl2, squeezed @ 2686'. WOC, TIH w/bit #13, found spotty cmt from 2636-2808'. Drld w/good returns, staged into hole to 4909', rmd bridge @ 4929', now rmg bridge @ 5248'.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 3/18/81 82 days. TD 6511', rmg depth 6009', att to unplug jets. MW 8.8; vis 60; WL no control; pH 11.5. Rmg rate slowed to 4' in 75 min, circ 2 hrs btms up, POH, strapped pipe, determined that rmg was on hard bridge, RIH w/83" BHA, rmd from 5916-5988', broke through bridge, rmd to 6009', jets became plgd, pld 3 stands to unplug jets.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 3/19/81 83 days. TD 6511', wkg stuck DP. MW 8.5; vis 42; WL 26; pH 11. Pld 4 stands to unplug jets, stuck DP w/bit @ 5593', circ & cond mud, spt 75 bbls diesel w/75 gal Mill free, now wkg pipe & staging diesel.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

3/20/81 84 days. TD 6511', circ & cond, wkd stuck DP. MW 8.6; vis 80; WL 26; pH 11. Staged diesel & wkd pipe, WO Dialog, ran free-point indicating stuck @ 2615'. PU kelly, break circ, now circ & cond.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

3/21/81 85 days. TD 6511', RIH w/WP, circ & cond, BO @ 2501', TOH, PU 9 jts WP, now RIH. 3/22/81 86 days. TD 6511', RIH w/WP, WO fish from 2501-2781', encountered hard bridge @ 2620-2623', TOH, TIH, screw into fish, circ & cond, ran freepoint, stuck @ 4680', BO @ 4644', POH, LD 6 jts DP, now TIH w/WP.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. top of jars @ 5075', now wkg pipe & att to circ.

3/23/81 87 days. TD 6511', wkg stuck pipe. MW 8.5; vis 50; WL 27; pH 10.7. TIH w/WP, WO fsh from 4644-4861', POH, TIH, screw into fsh @ 4644', att to run freepoint, hit bridge @ top of DC's. POH w/freepoint, RIH w/spudder, wkd thru bridge, POH, att to circ, jets plugged, RIH w/freepoint, indicated stuck @

3/24/81 88 days. TD 6511', cuting drlg line. MW 8.5; vis 55; WL 30; pH 11.2. Att to BO 1 DC above jars, ran 4 BO shots, had manual BO twice, screwed back in, had controlled BO on 5th shot @ 4955'. TOH, rec 10 jts DP, left 1 jt DP + BHA. Now cutting drlg line prep to PU WP.

ANTELOPE VALLEY **STATE 36-22** (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

3/25/81 89days.TD 6511'. TOH w/WP. MW 8.5; vis 52; WL 41; pH 11.2. Cut drlg line, TIH w/6 jts of 9" WP, WO fish from 4955-5144', now POH to PU screw-in assy.

ANTELOPE VALLEY **STATE 36-22** (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 3/26/81 90 days. TD 6511', circ & cond. MW 8.5; vis 48; WL 27; pH 11.1. POH w/WP, TIH, screw into fish, RU & run freepoint, indicating stuck @ 5114'. BO @ top of jars @ 5080', POH, rec 1 jt DP + 3 DC's. RIH w/6 jts WP, att to break circ, lost full returns. Pull into surface csg, now mxg mud & LCM.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 3/27/81 91 days. TD 6511', TIH to screw into fish. MW 8.6; vis 48; WL 27.4; pH 10.7. Stagged into hole, mxd several LCM sweeps, regained return, WO from 5080-5270'. POH, now TIH w/ screw-in sub, att to engage fish.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

3/28/81 92 days. TD 6511', att free-point. MW 8.6; vis 47; WL 26; pH 10.7. TIH w/screw-in sub, att to engage fish w/o success. POH, PU 11-3/4"OS, TIH, engaged fish, ran chisel-point, CO fish, now att to free-point. 3/29/81 93 days. Wshg over @ 5364', TD 6511'. MW 8.6; vis 50; WL 30; pH 11. Ran free-point, found free-point @ 5270', att to BO, OS released, POH, PU WP, TIH, wshd over from 5080-5364', pld above fish, re-wshd to 5364', now prep to spt 100bbls mud w/8# per bbls Teflon beads per BO.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

3/30/81 94 days. TD 6511', rep wireline. MW 8.5; vis 48; WL 26; pH 11.2. Pld WO string & WO shoe #5 @ 5364', shoe WO 284' in 5 hrs. Sptd 100 bbls pill of drlg mud w/10# per bbls Lubra-beads, POH, TIH w/screw-in sub, engage fish, ran chiselpoint, wkd plug out of pipe, ran free-point to 5313'. Now att to BO.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 3/31/81 95 days. TD 6511'. Wkd: on free-point, att to 80 7 times @ 7 intervals w/o luck. Wkd torque each time for 2 hrs w/o success. Called in Jet Cutter Research, will now cut collar @ approx 5307'. Now RU.

Form OGC-1b

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

	ISION OF OIL, GAS,			5. LEASE DEGIG ML 336		SERIAL NO.
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American Quasar 8. ADDRESS OF OFERATOR	Yeur. Co.			9. WELL NO.		
204 Superior Blo	ig., 201 N. Wolc	ott, Ca	sper, Wy 82601	36-22		-
204 Superior Blo 4. Location of wall (Report location apace 17 below.) At surface	on clearly and in accordance	ce with any	State requirements.	Wildca	t	
1977' FWL, 1980	FNL			11. asc. 7., a., avayar c Sec. 36	E AEUA	
14. PERMIT NO.	15. BLEVATIONS (Show	whether DF	RT, GR, etc.)	12. COUNTY OR	PARISH 1	. STATE
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16. Charle			ature of Notice, Report, or	Other Data		
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TEST WATER SHUT-OFF	PULL OR ALTER CASING MULTIPLE COMPLETE	\vdash	WATER SHUT-OFF FRACTURE TREATMENT		IRING WELL RING CASIN	
PRACTURE TREAT	ABANDON*	H	BROOTING OR ACIDIZING	ABAN	DONNENT*	
REPAIR WELL	CHANGE PLANS		(Other) Monthly re	port of ope	<u>ration</u> :	s X
(Other)			(Note: Report resul Completion or Recom	ts of multiple comp pletion Report and	letion on \\ Log form.)	Well
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ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/1/81 96 days. TD 6511', building volume @ btm of csg, lost returns after BO. MN 8.5; vis 60; WL 26; pH 10.6. Tried to free-point, free-point was erratic, ran spudder bar, prep to run cut off tool, could not get guage ring thru jars, BO @ base of jars, POH, LD jars, TIH, lost circ while TIH, SD @ base of csg, now mxg mud & LCM, prep to TIH, screw into fish.

4/2/81 97 days. TD 6511', wshg over @ 5390'. MW 8.5; vis 55; WL 15.4; pH 10.6. TIH after gaining full returns, att to screw in fish, could not engage. POH, PU WP, RIH, wshd over w/o difficulty to 5340', has wishd very slowly since 5340', now wshg over @ 5390'.

4/3/81 98 days. Rng free-point, TD 6511'. MW 8.5; vis 55; WL 20.2; pH 10.8. WO from 5390-5408', short trip 8 jts, rewash, no fill, POH, PU OS, RIH w/9-5/8" OS dressed w/7" grapples, engage fish, RIH w/wireline spud bar w/no problems, RIH w/shot, would not pass 5175'. POH, ran 2" spud bar assy, wkd thru tight spot @ 5175', ran free-point, now prep to run JRC shot @ 5363'.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Angelope Valley Prosp.

4/4/81 99 days. TD 6511', TIH w/9-5/8" skirted mill. *Ran JRC shot @ 5352', POH, rec 8 DC's. TIH w/8-3/8 x 7-5/8 skirted mill, mill would not swallow fish, POH, WO 9-5/8 skirted mill, now TIH.

Angelope Valley Prosp. 4/5/81 100 days. Wshg over DC's @ 5352', TIH w/9-5/8 skirted mill, milled on fish, mill began torqueing up, POH, lost skirt, PU 8 jts 9" WP, scalloped shoe, TIH, now wshg over fish @ 5352'.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

4/6/81 101 days. TIH w/WO shoe #8, TD 6511'. MW 8.5; vis 47; WL 26; pH 10.4. WO w/shoe #6 from 5350-5352', made 2' in 4 hrs. POH, shoe was dull. Ran WO shoe #7, in @ 5352', WO 53' in 10 hrs. POH, shoe was worn out, PU WO shoe #8; now TIH.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/7/81 102 days. TD 6511', POH. MW 8.6; vis 55; WL 32; pH 10.7. Fin TIH, WO w/shoe #8 from 5405-5407', made 2' in 5 hrs. POH, TIH, WO w/shoe #9 from 5407-5411', made 4' in 6-3/4 hrs. Now POH w/shoe #9.

ANTELOPE VALLEY
STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/8/81 103 days. TD 6511', fin POH w/WO shoe #9, left shoe & 6" WP in hole. LD WP & fish tools, TIH open-ended, sptd 220 sx Class G plug from 5386-5086', POH, magnafluxed DC's while WOC, TIH to dress cmt, now circ to 5233', have not tagged plug. Now wshg, looking for plug.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/9/81 104 days. Sidetracking @ 5273', drld 9' in 9-3/4 hrs. MW 8.5; vis 59; WL 26; pH 11.4. Dressed top of cmt to 5264', circ & cond hole, POH, PU Baker mud motor & 2° Bent sub, TIH, orient drlg assy, now drlg.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah
Antelope Valley Prosp.

4/10/81 105 days. PBTD 4945', WOC. MW 8.5; vis 58; WL 28; pH 11.2. Drld w/mud motor to 5298', was unable to sidetrack, POH, TIH open-ended, RU & spt 300 sx Class G w/1% D31 from 5298-4945', pld 10 stands clear pipe, POH & WOC.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

4/11/81 106 days. TD 5111', TIH w/mud motor. TIH, dressed cmt plug from 5080-5111', POH, PU Baker mud motor, TIH, lost returns, pull into csg, mx mud, now TIH w/mud motor.
4/12/81 107 days. Sidetracking @ 5132', drld 21' in 19-3/4 hrs. Bit #16 has drld 21' in 19-3/4 hrs. Drlg wt 2M#; RPM 175.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/13/81 108 days. Sidetracking @ 5145', drld 13' in 15½ hrs. MW 8.6; vis 40; WL 25; pH 11.5. Survey: 3-3/4°N33°E @ 5082'. Pld bit #16 @ 5139', bit drld 59' in 32½ hrs. Cond: 2-6-I. TIH w/bit #17 (12½" Security S3S s/n 200464) bit has drld 6' in 7½ hrs w/mud motor. Drlg wt 2M#; RPM 175.

ANTELOPE VALLEY **STATE 36-22** (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 4/14/81 109 days. TD 5166', and 21' w/mud motor, sidetracking. MW 8.5; vis 40; WL 26; pH 11.3. Survey: 5164' misrun. Bit #17 has drid 27' in 29-3/4 hrs. Drlg wt 2M#; RPM 175.

4/15/81 110 days. Drlg @ 5214', drld 48' in 6 hrs. MW 8.5; vis 39; WL 11; pH 11.3. Survey: 2°N63°E @ 5180'. Bit #17 was pld @ 5180', bit drld 31' in 35-3/4 hrs. Dull grade: 3-6-I. Ran bit #18 (121" Smith F3 s/n BE8523) in @ 5180', bit has drld 34' in 6 hrs. LD Baker mud motor, PU stabilization, now rng 60' pendulum. Drlg wt 35M#; RPM 50.

4/16/81 111 days. Drlg ls @ 5317', drld 103' in 21½ hrs. MW 8.6; vis 63; WL 26; pH 11.3. Survey: 2½°N73°E @ 5274'. Bit #RR15 has drld 137' in 271 hrs. Drlg wt 25M#; RPM 60.

4/17/81 112 days. TD 5365', drld 48' ls in $10\frac{1}{2}$ hrs. Rmg to btm. Bit #RR15 has drld 185' in 38 hrs. Became stuck while making connection @ 5365', sptd 95 bbls diesel w/ligal Pipe Lax pebbl, short trpd, now rmg to btm, prep to log. 4/18/81 113 days. Corrected depth 5361'. Logging w/Schlumberger. POH w/bit #15 for elec logs @ 5361'. Bit drld 181' in 38 hrs. Dull grade: 2-2-I. Att to log w/Schlumberger, log stpd @ 3130', TIH, rmd bridge,

POH, att to log, log stpd @ 5170', cond hole, now logging w/Schlumberger. 4/19/81 114 days. TD 5361', circ & cond, prep to run 9-5/8" csg. Ran logs as follows: DIL, Density Neutron, Dipmeter, Sonic Caliper w/Gamma Ray,

DLL, Micro FSL & Gamma Ray from 5175-2538', now circ & cond to run csg.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp. 4/20/81 115 days. TD 5361', WOC 9-5/8" csg. POH, LD 8" DC's, RU & ran 9-5/8" csg as follows: 1390.82' jts 43.5# L80 LTC 35 98 jts 47# L80 LTC 3968.69 4.90' Float 5364.41

Landed @ 5360' KB. Circ. Cmt'd as follows: Ran 660 sx of Howco-Lite w/10#/sk Gilsonite, 6% Gel, followed by 250 sx Class G, displaced w/394 BM, did not bump plug, float held, now WOC. Had partial returns thruout displacement, plugged down @ 11:00 pm 4/19/81. Now WOC.

ANTELOPE VALLEY **STATE 36-22** (11,500'Weeks-WC) Millard Co., Utah

Antelope Valley Prosp. ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

Antelope Valley Prosp.

4/21/81 116 days. TD 5361', press tst BOPE. WOC, install spool, RU BOPE, now tstg BOPE to 5000 psi.

4/22/81 117 days. Drlg @ 5378', drld 17' in 3½ hrs. MW 8.5; vis 37; WL no control; pH 11.6. Fin press up lower & upper Kelly valves, rep torque converter, TIH, tagged cmt @ 5144', drld 216' cmt, float collar & shoe. Press tst csg to 500 psi, held ok.

4/23/81 118 days. Drlg 1s @ 5509', drld 131' in 23½ hrs. MW 8.5; vis 36; WL 21; pH 11.4. Drla wt 18M#; RPM 60.

4/24/81 119 days. Drlg ls @ 5582', drld 73' in 13 hrs. MW 8.5; vis 38; WL 21; pH 11. Survey: 7° @ 5532'. Pld bit #18 @ 5562', bit had drld 201' in 37 hrs. Dull grade: 5-5-I. Ran bit #19 (8½" Hughes J33 s/n FH818) in @ 5562', bit has drld 20' in 3 hrs. PU BHA on trp, wshd & rmd 108' in 2½ hrs. Drlg wt 15M#; RPM 60.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/25/81 120 days. Drlg @ 5691', drld 109' of 1s in 22 hrs. Survey: 2-3/4° @ 5670'. Bit #19 has drld 129' in 25 hrs. 4/26/81 121 days. Drlg @ 5758', drld 67' in 14½ hrs. Survey: 2-3/4° @ 5703', SD & removed #2 torque converter. Drlg wt 18M#; RPM 60.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/27/81 122 days. Drlg @ 5885', drld 127' of 1s in 18-3/4 hrs. MW 8.5; vis 40; WL 27; pH 11.2. Survey: $3\frac{1}{2}$ ° @ 5834'. Bit #19 has drld 323' in $57\frac{1}{2}$ hrs. Drlg wt 18M#; RPM 60.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/28/81 123 days. Drlg ls @ 6017', drld 132' in 22 hrs. MW. 8.5; vis 36; WL 22; pH 11.4. Survey: 3½° @ 5894'; 3-3/4° @ 6017'. Bit #19 has drld 455' in 79½ hrs. Drlg wt 18M#; RPM 60.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/29/81 124 days. Drlg ls @ 6122', drld 125' in 22 hrs. MW 8.6; vis 40; WL 22; pH 8. Survey: $3-3/4^{\circ}$ @ 6122'. Bit #19 has drld 580' in 101½ hrs. Drlg wt 18M#; RPM 60.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

4/30/81 125 days. Drlg 1s 0 6239', drld 117' in 22½ hrs. MW 8.5; vis 40; WL 22; pH 11. Survey: 3-3/4° 0 6204'. Bit #19 has drld 697' in 123-3/4 hrs. Drlg wt 18M#; RPM 60.

DIVISION OF OIL, GAS AND MINING

PLUGBACK PKKESING PROGRAM

NAME OF COMPANY: American Quas.	John Works;	307-265-3362	·
WELL NAME: Antelope Valley St 36-22	:		
SECTION NW 36 TOWNSHIP 238	RANGE 18W	COUNTY _Mills	rd
VERBAL APPROVAL GIVEN TO PLUG AND ABOMANNER:	VE REFERRED TO W	ELL IN THE FOLLO	WING
TOTAL DEPTH: 9628'			•
CASING PROGRAM: 30" @ 79' cement to surface 13 3/8" @ 2538' cement to surface 9 5/8" @ 5360' (TOC 2500+) PLUGS SET AS FOLLOWS: 1) 9350-9450'	FORMATION TOPS:	Volcanics- Ely Springs- Eureka Springs Quartz- Lehmen (LS)- Kanosh (SH)- Wahwah (LS)- Fillmore (LS)- House (LS)- Notch Peak (LS) Orr fm- Weeks fm- Marjum fm- DST:	3420 ' 4660 '
2) 8600-8700'		1) 6050-6176	124' (mud)
3) 6100-6000°		2) 6340-6511*	mis-run
4) 5200'Set EZ drill place 90 sx. below & 10 sx on top		3) 9428-9628' 4) 8620-8670' (Toss Arc)	

Place 8.5#, 38 vis. fresh water gel based abandonment mud between plugs

DATE	5-28-81	SIGNED_	MTM	

Form QGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side) STATE OF UTAH

SUNDRY NOTICES AND REPORTS ON WELLS Dear on the form Carpy Medical College of the College of	_ :	RTMENT OF NATURAL RE			. No. 572111 7 0
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204 Superior Bidd. 201 N. Molcott. Casper, Wy 82601 4 Decaring or with (Experi location clearly and in secondance with any Blate requirements. 1977' FML, 1980' FNL 1977' FML, 1980' FNL 10 Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data Society or Internation (Chery Monthly report of Anison Processing Conference of Notice, Report, or Other Data Structure Tracture Trac	American Quasar	Petr. Co.	•		
10. First as Pool, or wilders with any State requirements. 10. First as Pool, or wilders with any State requirements. 10. First as Pool, or wilders with any State requirements. 10. First as W. or Rate Appears to 1. Sec. 36, 1235-R18W6 10. Check Appropriate Box 10 Indicate Noture of Notice, Report, or Other Date Region of Interpretor to: 10. Check Appropriate Box 10 Indicate Noture of Notice, Report, or Other Date Region of Interpretor to: 11. Sec. 7. A.		i- 201 N. Halaatt (Caspon Wy 92601		
This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operations for period May 1, 1981 - May 31, 1981. This is a monthly report of operation of period May 1, 1981 - May 31, 1981. This is a monthly report of operation of period May 1, 1981 - May 31, 1981. This is a monthly report of operation of period May 1, 1981 - May 31, 1981. This is a monthly report of operation of period May 1, 1981 - May 31, 1981. This is a monthly report of operation of period May 1, 1981 - May 31, 1981.	204 Superior Bio	on clearly and in accordance with a	ny State requirements.	10. PIELD AND POOL, OF	WILDCAT
1977' FML, 1980' FNL 16. Sec. 36, T23S-R18M6 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data **ROTICE OF INTERFED OF INTERFORM TO: **ROTICE OF INTERFED OF POLICE ALTER CASIMO **PACTURE TREATMENT ARRONATORS (Clearly state all pertinent details, and give pertinent dates, Including estimated date of starting story to the work,)* 17. DESCRIBE PROPOSED IN CONTRACT FLARM (Clearly state all pertinent details, and give pertinent dates, Including estimated date of starting story to the work,)* 18. Expansive of Assets of Total State of the Work,) * 19. DIVISION OF OIL, GAS & MINNING 19. DATE DATE 19. DATE	See also space 17 below.)	•		Wildcat	
1977' FML, 1980' FNL 18. PRINTING (Show whether by, Ft. Gr. etc.) 19. COURT OF FARIBLE 18. EVATT 19. WATER SECUROR OF FARIBLE 18. EVATT 19. COURT OF FARIB				11. SSC., T., B., M., CR S	LE. AND
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data Every Company Follows After Casino Schaper Teach Pollows After	1977' FWL. 1980'	FNL		Sec. 36, T2:	3S-R18W∰
GR 6458' Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data Notices of Interference for Interference	13,7 1,12, 7,500				
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This is a monthly report of operations for period May 1, 1981 - May 31, 1981. Released rig 9:30 am 5/31/81. (please see attached chronological report) JUN 4 10: DIVISION OF OIL, GAS & MINING SIGNED John F. Sindelar (This page for Friedral or State office use)			(Nore: Report result Completion or Recon	its or multiple completion to	m.)
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5/1/81 126 days. Drlg 1s @ 6338', drld 79' in 10½ hrs. MW 8.6; vis 40; WL 22; pH 10.8. Survey: 4½° @ 6267'. Bit #19 was pld @ 6267', bit drld 705' in 125 hrs. Dull grade: 4-4-I. Ran bit #20 (8½" Security S86F s/n 971287) in @ 6267', bit has drld 71' in 9½ hrs. Drlg wt 35M#; RPM 43.

ANTELOPE VALLEY

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Millard Co., Utah
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ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

5/2/81 127 days. Drlg ls @ 6517', drld 179' in 20½ hrs.
Survey: 3-3/4° @ 6247'; 3½° @ 6470'. Bit #20 has drld 250' in
30 hrs. Drlg wt 38M#; RPM 40.
5/3/81 128 days. Drlg ls @ 6713', drld 196' in 21-3/4 hrs.
Survey: 3½° @ 6562'; 3½° @ 6656'. Bit #20 has drld 446' in
51-3/4 hrs. Drlg wt 40M#; RPM 45.

5/4/81 129 days. Drlg ls & dolo @ 6926', drld 213' in 20-3/4 hrs. MW 8.5; vis 39; WL 22; pH 10.8. Survey: 3½° @ 6842'. Bit #20 has drld 659' in 79½ hrs. Drlg wt 40M#; RPM 45.

5/5/81 130 days. Drlg ls @ 7121', drld 195' in 21½ hrs. MW 8.6; vis 41; WL 22; pH 10.8. Survey: 4° @ 6934'; 4½° @ 7088'. Bit #20 has drld 854' in 93½ hrs. Drlg wt 35m#; RPM 45.

ANTELOPE VALLEY

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STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

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ANTELOPE VALLEY

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STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah
Antelope Valley Prosp.

ANTELOPE VALLEY

STATE 36-22

(11,500'Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

ANTELOPE VALLEY

STATE 36-22

(11,500' Weeks-WC)

Millard Co., Utah

Antelope Valley Prosp.

/6/81 131 days. Drlg 1s @ 3 , drld 187' in 21-3/4 hrs.
MW 8.5; vis 42; WL 22; pH 10.8. Survey: 4° @ 7180'; 4½° @ 7283'. Bit #20 has drld 1041' in 115½ hrs. Drlg wt 35M#; RPM 45.

5/7/81 132 days. Drlg ls @ 7418', drld ll0' in ll½ hrs. MW 8.5; vis 38; WL 22; pH 10.5. Survey: 3-3/4° @ 7396'. Bit #20 was pld @ 7326', bit drld 1059' in ll7' hrs. Dull grade: 2-4-I. Ran bit #21 (8½" Security S86F s/n 971280) in @ 7326', bit has drld 92' in 10 hrs. Drlg wt 35M#; RPM 45.

5/8/81 133 days. Drlg ls @ 7624', drld 260' in 19-3/4 hrs. MW 8.5; vis 39; WL 22; pH 10.8. Survey: 4° @ 7458; 3-3/4° @ 7582'. Bit #21 has drld 298' in 29-3/4 hrs. Had drlg break from 7461-7476', circ samp, no shows. Drlg wt 35M#; RPM 45.

5/9/81 134 days. Drlg ls @ 7857', drld 233' in 19-3/4 hrs. Survey: 3½° @ 7644'; 3-3/4° @ 7829'. Bit #21 has drld 531' in 49½ hrs. Drlg wt 35M#; RPM 40. 5/10/81 135 days. Drlg ls & dolo @ 8082', drld 225' in 21 hrs. Survey: 3-3/4° @ 7922'; 4½° @ 8076'. Bit #21 has drld 756' in 70½ hrs. BGG: 3 units. Drlg wt 35M#; RPM 45.

5/11/81 135 days. Drlg ls & dolo @ 8292', drld 210' in 20 hrs. MW 8.6; vis 42; WL 22; pH 10.8. Survey: 4½° @ 8199'; 4½° @ 8292'. Bit #21 has drld 966' in 90½ hrs. BGG l unit; drlg wt 35M#; RPM 45.

5/12/81 137 days. Drlg @ 8405', drld 113' of ls & dolo in 12 hrs. MW 8.5; vis 42; WL 23; pH 10.5. Survey: 4½° @ 8385'. Pld bit #21 @ 8346', bit drld 1020' in 96½ hrs. Cond: 8-8-½". Ran bit #22 (8½" Security S86F s/n 944946) bit has drld 59' in 6 hrs. BGG 2 units; Trp gas 7 units; Drlg wt 35M#; RPM 45.

5/13/81 138 days. Drlg @ 8583', drld 178' of ls in 20-3/4 hrs. MW 8.6; vis 39; WL 22; pH 10.9. Survey: 4-3/4° @ 8479'. Bit #22 has drld 237' in 26-3/4 hrs. BGG 6 units. Drlg wt 35M#; RPM 45.

5/14/81 139 days. Drlg ls @ 8783', drld 200' in 21½ hrs. MW 8.5; vis 42; WL 22; pH 10.8. Survey: 5° @ 8632'; 5½° @ 8724'. Bit #22 has drld 437' in 48½ hrs. Lost approx 200 bbls drlg mud last 24 hrs. BGG 6 units. Drlg wt 32M#; RPM 45.

5/15/81 140 days. Drlg ls @ 8960', drld 177' in 21 hrs. MW 8.5+; vis 41; WL 21; pH 10.2. Survey: 5-3/4° @ 8909'. Bit #22 has drld 614' in 69½ hrs. Lost approx 250 bbls mud last 24 hrs. BGG 14, 4 unit BGG incr @ 8940'. Drlg wt 37M#; RPM 45.

5-16-81 141 days. Drlg Limestone @9182', drld 222' in 20-3/4 hrs. Survey: 9025'@7-3/4°. Bit #22 drld 836' in 90 hrs. BGG 22 units. Drlg wt 43M#; RPM45.

5-17-81 142 days. Drlg Limestone @9221' drld 39' in 6-1 hrs. Survey: 9217'@6-1°. Bit #22 pulled @9217'. Bit drld 871' in 95-1 hrs. Dull grade: 4-4-I. Ran Bit #23 (8-1 Smith F3 ? on s/n). In hrs. Dull grade: 4-4-I. Ran Bit #23 (8-1 Smith F3 ? on s/n).

@9217', bit drld 4' in 3/4 hrs. Lost approx 200 bbls of mud in last 24 hrs. Drlg wt 45M#; RPM45.

ANTELOPE VALLEY STATE 36-22 (11,500' Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

ANTELOPE VALLEY **STATE 36-22** (11,500' Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

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ANTELOPE VALLEY STATE 36-22 (11,500' Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

> ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

w/DST #4.

#4, tst failed immediately, POH, tst tool had BO @ top of MFD tool, left 99.16' of tst tool in hole. TIH w/8-1/8 Bowen OS dressed w/5" grapples, att to engage, now POH w/o success.

dressed w/5" grapples, now TIH.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Yillard Co., Utah Antelope Valley Prosp.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

ANTELOPE VALLEY STATE 36-22 (11,500'Weeks-WC) Millard Co., Utah Antelope Valley Prosp.

5/18/81 143 days. Drlg.at 9425. Drld. 202' 1s & dolomite in 21 hrs. NW 8.5; vis 38; WL 10.1; pH 10.1. Survey: 612° at 9245'; 6°at 9338'. Pulled bit #22 at 9213'. Bit had drld. 618' in 70% hrs. Ran bit #23(8%''Smith F-3, sn/AA6492) in at 9413'. Bit has drld. 202' in 21 hrs. Dull grade on Bit #22: 6-4-I. Drlg. wt. 35M#; RPM 45. BGG-16 units.

5-19-81 144 days. Drlg dolo @ 9594' drld 171' 20-3/4 hrs. MW 8.5; vis 41; WL 22; pH 11.2. Survey: 9431' 6-1°9534'6°. Bit # 23 drld 377' 42-3/4 hrs. Top dolo @9525'BGG 10-20 units. Drlg wt 35M#; RPM 45.

5-20-81 145 days. Logging w/Schlumberger, TD 9634'; drld 40' dolo in 6 hrs. MW 8.5 vis 45; WL 22; pH 10.7. Pulled Bit #23. f/logs @9634', bit drld 417' in 48-3/4 hrs. Dull grade: 6-4-I. Now logging w/Schlumberger.

5-21-81 146 days. Logging w/Schlumberger @9628'. MW 8.5 vis 45; WL 22; pH 10.8. Ran sonic log; attempted to run dipmeter, dipmeter stopped at 8645'. TIH; wshd & rmd to bottom, no fill, circ & cond hole; POH. Now on the bottom w/ dipmeter 09620'. Lost 300 bbls. of mud in the last 24 hrs.

5-22-81 147 days. TD 9628' POH, prep to run DST #4. MW 8.5; Vis 45; WL 22, pH 10.3. Ran dipmeter DLL & velocity surveys. TIH, cond hole f/ DST #4 from 9430' to TD. POH, prep to PU tool

5/23/81 148 days. TD 9628', TIH w/DST #4. Ran DST #3 from 9428-9628' w/500' wtr cushion. Tstd HeTen Maria formation. Had 90 min opn w/very weak blow, SI 180 min. Pld to rec 500' of wtr cushion & 54' mud cut wtr. Bomb depth 9435', BHT 122°. IH 4230; IF 292/305; ISI 3265; FH 4255. Sampler cap 2200 cc, rec @ 25 psi; 800 cc of mud cut wtr; res 2.6 @ 122°. Now TIH 5/24/81 149 days. TD 9628'. POH w/fshg tools. TIH w/DST

5/25/81 150 days. TD 9628', TIH w/OS. POH w/OS, PU bit #RR20 (81" Security S86F s/n 971212) TIH, circ & cond top of fish, POH, PU 8-1/8 Bowen OS

5/26/81 151 days. Circ & cond for DST #4. TD 9628'. MW 8.6; vis 40; WL 25; pH 10.2. POH w/bit #RR20, tagged top of fish, circ & cond, POH, PU 8-1/8" OS w/5" grapples, TIH, caught fish, POH, rec fish, TIH w/bit #RR20, circ & cond hole, now POH.

5/27/81 152 days. TD 9628', wkg stuck test tool. MW 8.5; vis 38; WL 22; pH 10.9. POH w/bit #20 @ 9628'. Dull grade: 2-4-I. PU DST tools, TIH, ran DST, opn 60 min, SI 120 min. Att to pull DC's appear to be differentially stuck. Now circ thru reverse sub, will RU, spot oil & pipe lax.

5/28/81 153 days. WOO. TD 9628'. Sptd 55 bbls diesel w/l} gal/bbl pipe lax. Wkd pipe, came loose, POH. DST #5 was a failure. Tool did not opn. Now WOO.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

tanks, ND BOP's.

ANTELOPE VALLEY

STATE 36-22
(11,500'Weeks-WC)
Millard Co., Utah
Antelope Valley Prosp.

5/29/81 154 days. TD 9628', plugging w/Halliburton. MW 8.5; vis 36; WL 28; pH 10.3. W00, TIH open-ended, W0 Halliburton, weight drlg mud to 9.2 ppg to satisfy State of Utah for spacer between plugs, now prep to plug.

5/30/81 155 days. PBTD 5200', LD DC's. PB as follows: Plug #1 - 45 sx Class G 9450-9350'; Plug #2 - 45 sx Class G 8700-8600'; Plug #3 - 45 sx Class G 6100-6000'. TOH, PU EZ drill cmt rtnr, TIH, set rtnr @ 5201', stung into rtnr, pmpd 90 sx Class G @ 1800 psi. Un-stung from rtnr, set 10 sx Class G on top of rtnr. Sptd 9.2 ppg mud between each cmt plug. Now LD DC's. 5/31/81 156 days. TA, ND BOP's, fin TOH LD DC's, clean mud

6/1/81 157 days. Rig released, fin ND BOP's, released rig @ 9:30 am 5/31/81. Now TORT. LAST REPORT.

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Form OGC-1b

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

C Sulley

SUBMIT TRIPLICATE (Other instructions on reverse side)

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND BERIAL NO. DIVISION OF OIL, GAS, AND MINING ML 33671 IF INDIAN, ALLOTTER OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) 7. UNIT AGREEMENT NAME WELL OTHER Plugged and Abandoned S. PARM OR LEASE WAME Antelope Valley State American Quasar Petroleum Co. 12 10 707 United Bank Tower 1700 Broadway Denver, Colorado
L. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.

See also space 17 below.)
At surface 1977' FWI 1980' FNI SF NW 36 80290 36-22 10. FIELD AND POOL, OR WILDCAT 1977' FWL, 1980' FNL, SE NW 360. 36 Wildcat 11. SBC., T., R., M., OR BLE. AND SURVEY OR AREA DIVISION OF Sec. 36, T23S-R18W 15. BLEVATIONS (Show whether SP. IT. SR. Std. C. MINING 14. PERMIT NO. Millard Utah 6463 GR API 43-027-30022 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data MOTICE OF INTENTION TO: REPAIRING WELL TRET WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFS ALTERING CASING MULTIPLE COMPLETE PRACTURE TREATMENT PRACTURE TREAT SHOUTING OR ACIDIZING *THEMNOUNAENT SHOOT OR ACIDIZE REPAIR WELL CHANGE PLANS (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) * Verbal approval to plug and abandon received from Mr. Mike Minder, Utah Oil & Gas on 5/28/81. TD 9628' 13 3/8" csg set @2538' 9 5/8" csg set 05360' Weighted mud to 9.2 ppg Set plugs as follows: 9450-9350 45 sx G 45 sx G 8700-8600 6100-6000 45 sx G Cement retainer set @5201', 90 sx below, 10 sx above Welded cap on 9 5/8" csq APPROVED BY THE STATE OF UTAH DIVISION OF Released rig 5/31/81 OIL, GAS, AND MINING Completion report to follow wie and correct TITLE Division Operations Manager DATE 6/2/81 SIGNED C (This space for Federal or State office use)

DATE

June 12, 1981

American Quasar Petroleum Co. of New Mexico 707 United Bank Tower 1700 Broadway Denver, Colorado 80290

Re: See attached sheet

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells are due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very traly yours,

DIVISION OF OIL, GAS, AND MINING

CleakkTypist

Newton Sheep #24-34
 Sec. 24, T. 2N, R. 6E,
 Surmit County, Utah

Sec. 36, T. 235, R. 18W, Millard County, Utah

3. Moore-Boyer 34-41
Sec. 24, T. 3N, R. 7E,
Summit County, Utah

July 8, 1981

American Quasar Petroleum Company 707 United Bank Tower 1700 Broadway Denver, Colorado 80290

> Re: Well No. Antelope Valley State #36-22 Sec. 36, T. 23S, R. 18W Millard County, Utah

> > Well No. Newton Sheep #24-34 Sec. 24, T. 2N, R. 6E Summit County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells are due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed From OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the abave.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates

Clerk-Typist

/1m Enclosures

6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

D	IVISIO	N OF OII	L, GAS, AN	D MIN	IING		-				_		ON AND SERI	AL NO.
					_ -					6. IF	AL 33	3671 ALLO1	THE OR TRIBE	NAME
WELL COM	MPLET	TION C	R RECO	MPLE	TION R	REPORT /	AND	LOC	3;*					
ia. TYPE OF WELI	L:	WELL OII,	GAS WELL		DRY	Other	P&A			7. UNI	T AGRE	EMENT	NAME	
b. TYPE OF COMP	VETION WORK	DEEP-	PLUG [ום ר	FF				Ò		M OR I	FARR	NAME	
WELL	OVER L	EN	BACK		esvr. 📖	Other		1		S. FAR	al os i	. Va		+0
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American Q	UdSar Ator	Petroi	euiii co.	UI NE	W MEXI		<u> </u>	100.		36-2	22			
707 United	Bank	Tower	1700 Br	oadwa	y Dem	Very CO	_{ુ ીકે}	<u> </u>	مديك	3 ^{10. FII}	ELD AN	POOL	, OR WILDCAT	
4. LOCATION OF WEL	_					State require	ements.	, «10 ₁ /	MENT	Wild	dcat	. W. C	B BLOCK AND	URVEY
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At total depth								<u>~~~~</u>		Sec	_36	_T2	3S-R18W	
				l "	PERMIT NO.	, •	JAID I	30020		PA	RISH	_		
15. DATE SPUDDED	16. DAT	E T.D. REAC	HED 17. DAT		-027-30			.7/80 .tions (d	F. RKR. F		llaro		Utah	EAD
		19/81	- 1	%A 6/		16.		63 GR		, ч., .	20.,			
12/26/80 20. total depth, and a			ACK T.D., MD &			CIPLE COMPL.,		23. INTE		ROTAL	TOOI	.8	CABLE TO	LS
9628	.				-	-			→	0 -	TD		0	
24. PRODUCING INTER	VAL(S),	OF THIS COL	APLETION—TO	, BOTTO	M, NAME (M	D AND TVD)*						25	. WAS DIRECT SURVEY MAI	
													Vaa	
26. TYPE ELECTRIC A	ND OTHE	R LOGS RUN			, .	<u></u>					1	27. W	Yes)D
GRS (DLL		ity, Di											No	<u> </u>
28.	WE TOC	I CY & D		ING RE	CORD (Rep	ort all strings	set in							
CASING SIZE	WEIG	HT, LB./FT.	DEPTH SI	ET (MD)	Hol	LE SIZE		CEM	ENTING	RECORD		I	AMOUNT PU	LLED
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29 .	<u> </u>	LII	VER RECORD			<u>'</u>		30.	7	CUBING	RECO	RD		
BIZE	TOP (M	(D) B(OTTOM (MD)	SACKS	CEMENT*	SCREEN (MI))	SIZE		DEPTH 8	SET (M	D) _	PACKER SET	(MD)
							_		_					
31. PERFORATION REC	OPD (Int	ernal size	and number)			1 00	ACTI	D GROW	ETD A CIT	TIPE C	PM PN 1	POTT	EEZE, ETC.	
OI. PERFORATION REC	OED (1100		, , , , , , , , , , , , , , , , , , ,			32.							CATERIAL USB	
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			 		PROT	NOTION								
33. PDATE FIRST PRODUCT	ION	PRODUCT	ION METHOD (Flowing		OUCTION umping—size	and ty	pe of pun	np)	1			s (Producing	or
P&A						-				ŀ	shu	t-in)	RIA	
DATE OF TEST	HOURS	TESTED	CHOKE SIZE		D'N. FOR	OIL—BÉL.		GASM	CF.	WATE	R-BBL	. [GAS-OIL BATIC	,
														
FLOW. TUBING PRESS.	CABING	PRESSURE	24-HOUR RA		—BBL.	GAS	MCF.	1	WATER-	—BBL.	1	OIL G	RAVITY-API (C	JER.)
34. DISPOSITION OF G	AR (Rold	used for fu	el. vented, etc.	1				!		TEST	WITNES	SED B	<u>Y</u>	
U. Danie Visitation US G	(~014)	, 2000 , 91 , 10	,, 000.	•										
35. LIST OF ATTACH							·			1				
E. Logs ar	nd Din	rection	al Surve	y pre	viously	mailed.								
36. I hereby certify	that the	foregoing	and extrached	informat	ion is comp	lete and corre	ect as	determin	ed from	all ava	ilable r	ecords		
SIGNED	18	Sec	del		TITLE Di	vision ()pera	ations	Man	ager	DATE	9/	/17/81	

INSTRUCTIONS

surviving the supplicable Federal and the number of copies to be subplicable Federal and the number of copies to be subplicable Federal and the number of copies to be subplicable Federal and the number of copies to be subplicable Federal and the number of copies to be subplicable Federal and the number of copies to be subplicable form and the number of copies to be subplicable form and the number of copies to be subplicable form and the number of copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency.

should be listed on this form, see item 35.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

Preferal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hem 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 23, and in item 24 show the producing interval; to intervals, top(s), bottom(s) and name(s) iff any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for additional interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

87. SUMMARY OF POR- SHOW ALL IMPOR DEPTH INTERVAL	OUS ZONES: TANT ZONES OF POR TESTED, CUSHION U	OSITY AND CONTENT	87. SUMMARY OF POROUS ZONES: 8HOW ALL IMPORTANT SORES OF POROSITY AND CONTENTS TREEBOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING AND SHUT-IN PRESSUESS, AND RECOVERIES	38. GBOLOG	GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	Description, Contents, etc.	TAN X	TOP	
					MEAS. DEPTH	TRUB VERT. DEPTH
DST #1	6050	6176	IFP 48, FFP 94, SI 90 min, ISIP 1765, IHP 2756, FHP 2739, rec 124' mud. Misrun	Eureka Fillmore	2420 3420	+4064
DST #2	6390	6511	Misrun	House Notch Deak	4660	+1824
DST #3	9428	9628	IFP 295, FFP 310, SI 270 min, FSIP 3241	Big Horse	7875	-1391
DST #4	8620	8670	Misrun			
DST #5	8620	8670	Misrun			·
					·	
					· · · · · · · · · · · · · · · · · · ·	

FORM OGC-8-X File in Quadruplicate

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL AND GAS CONSERVATION 1588 West North Temple Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Operator American Quasar Petrole	eum Co.				 	
Address						
Contractor Wiersen-Cochran					· · · ·	
Address		·				
Location SE 1/4, NW 1/4; Sec.	<u>36</u> ; T.	23 M ;	R. <u>18</u>	<u> </u>	Millard	_ County.
		5		W		
Water Sands:						<u>.</u>
From — To —	Flow	Volume: Rate or	Head -		<u>Qual</u> Fresh o	ity: r Salty -
None encountered	· ·					
2.						
3.						
4						
						
5.	(Cc	ontinue o	n Rever	se Side	e of Neces	sary)

NOTE: (a) Upon diminishing supply of forms, please inform this office.

(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.

(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

	DIVISION OF OIL, GA	AS, AND MI	NING		L=33671	IAL NO.
	SUNDRY NOTICES AND R (Do not use this form for proposals to drill or to d Use "APPLICATION FOR PERMI				F INDIAN, ALLOTTER OR TRIE	E NAME
<u>1.</u>					JNIT AGREEMENT NAME	
	oil GAS OTHER Wildcat P&/	A				
2.	NAME OF OPERATOR				PARM OR LEASE NAME	
	American Quasar Petroleum				ntelope Valley S	<u>tate</u>
8.	ADDRESS OF OPERATOR			I "	WELL NO.	
	1700 Broadway, Denver, Colorado	80290			6-22	
4.	LOCATION OF WELL (Report location clearly and in according also space 17 below.)	dance with any	State requirements.*	ı	PIELD AND POOL, OR WILDCA	T.
	At surface				ildcat	
	1977' FWL & 1980' FNL, SE NW, Sec	c. 6		1	SURVEY OR ARMA	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			S	ec 36-23S-18W	
14.	PERMIT NO. 15. BLEVATIONS (Show whether DF,	RT, GR, etc.)	12.	COUNTY OR PARISH 18. ST.	ATE
	API 43-027-30022 6463 GF	R		M-	illard Uta	h
16.	CL A D. T		-A(Notice Done	Other	Deta	
10.	Check Appropriate Box T	o indicate in	ature of Notice, Repo			
	NOTICE OF INTENTION TO:			SUBSEQUENT 1	REPORT OF:	_
	TEST WATER SHUT-OFF PULL OR ALTER CASI	ING	WATER SHUT-OFF		REPAIRING WELL	
	FRACTURE TREAT MULTIPLE COMPLETE	E	FRACTURE TREATME	INT	ALTERING CASING	.
	SHOOT OR ACIDIZE ABANDON*	 	SHOOTING OR ACIDI	ZING	ABANDONMENT*	^
	REPAIR WELL CHANGE PLANS	 	(Other)	rt results of m	ultiple completion on Well	
	(Other)		Completion of	Recompletion	Report and Log form.)	ting one
17.	DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly st proposed work. If well is directionally drilled, give nent to this work.) *	subsurface locat	ions and measured and tr	ne vertical dep	ths for all markers and zor	es perti-
	Addition to abandonment sundry da	ated 6-2-8	31.			
	Verbal approval by Mike Minder.					
	Set Wireline BP @ 3900' (inside 9 Dump 10 sx cement on top BP Set wireline BP @ 2500' Dump 10 sx cement on BP Cut off wellhead Cement top 50' to surface (inside Installed abandonment marker			ļ	PEC.	
				0/1,	DIVISION OF MINING	
18.	I hereby certify that the foregoing is true and correct					
_	SIGNED AM / WOCKS, J.F. Works	TITLE Div	vision Drilling	<u>Enginee</u> r	DATE 1-22-82	
	(This space for Federal or State office use)					
	APPROVED BY	TITLE			DATE	
	CONDITIONS OF APPROVAL, IF ANY:					